

Technical Appendix Table 1

Mean scores, standard deviations, and t-values of general setting attribute importance for gender, education and disability

	Males <sup>a</sup>					Females <sup>b</sup>					<16 yrs. ed. <sup>c</sup>					15+ yrs. ed. <sup>d</sup>					With <sup>e</sup>			Without a disability <sup>f</sup>		
	mean	s.d.	mean	s.d.	t	mean	s.d.	mean	s.d.	t	mean	s.d.	mean	s.d.	t	mean	s.d.	mean	s.d.	t	mean	s.d.	mean	s.d.	t	
Information for planning a trip to the area	3.30	1.10	3.47	1.11	-7.23**	3.27	1.11	3.50	1.09	-10.11**	3.35	1.07	3.33	1.11	0.17											
Location of area, it is near to my home	2.47	1.20	2.49	1.21	-0.71	2.51	1.22	2.45	1.17	2.09	2.60	1.25	2.45	1.19	1.64											
Clear directional signs	3.46	1.12	3.73	1.04	-12.76**	3.62	1.07	3.47	1.13	6.65**	3.72	1.02	3.49	1.11	3.33*											
Good roads and parking	3.36	1.14	3.56	1.09	-8.90**	3.56	1.09	3.28	1.15	12.08**	3.62	1.07	3.37	1.15	3.42*											
Barrier-free access for disabled visitors	3.03	1.30	3.32	1.26	-10.03**	3.32	1.26	2.90	1.30	14.57**	3.54	1.28	3.05	1.31	5.17**											
Presence of a ranger or other agency employees	2.75	1.27	2.99	1.27	-9.19**	2.97	1.28	2.67	1.25	11.63**	3.13	1.31	2.81	1.28	3.58**											
Cleanliness of restrooms, facilities, and grounds	3.98	1.01	4.20	0.90	-11.50**	4.16	0.93	3.94	1.01	11.45**	4.12	0.92	4.05	0.98	1.12											
Information and programs about the area history	3.00	1.12	3.14	1.12	-6.20**	3.05	1.12	3.06	1.13	-0.63	3.22	1.20	3.00	1.12	2.72*											
Helpfulness of area employees	3.39	1.06	3.59	1.01	-9.44**	2.49	1.05	3.45	1.04	1.51	3.66	1.03	3.44	1.06	3.22*											
Safety and security	3.85	1.01	4.09	0.99	-11.47**	3.98	1.05	3.89	1.08	4.33**	4.04	1.01	3.91	1.09	1.82											
Quality of the scenery	4.04	0.95	4.14	0.91	-5.19**	3.98	0.96	4.21	0.88	-12.37**	4.02	0.96	4.07	0.94	-0.71											
Reasonable fees for use of the area and its services	3.78	1.09	3.97	1.01	-8.71**	3.92	1.07	3.77	1.06	6.77**	3.99	1.07	3.84	1.08	1.99											
Maps, informational signs, and bulletin boards	3.35	1.08	3.48	1.06	-5.76**	3.40	1.08	3.41	1.07	-0.79	3.41	1.08	3.37	1.08	0.64											
Access to supplies and shopping	2.47	1.24	2.67	1.28	-7.81**	2.72	1.28	2.31	1.19	16.65**	2.81	1.30	2.49	1.25	3.52*											

Note: Importance measured on a scale of 1 “not important” to 5 “extremely important.”

<sup>a</sup>Item sample size for males ranges from N=5304 to N=6675. <sup>b</sup>Item sample size for females ranges from N=3138 to N=3891. <sup>c</sup>Item sample size for visitors with less than 16 years of education ranges from N=5007 to N=6148. <sup>d</sup>Item sample size for visitors with 16 years of education or more ranges from N=3225 to N=4117. <sup>e</sup>Item sample size for visitors with a disability ranges from N=194 to N=233. <sup>f</sup>Item sample size for visitors without a disability ranges from N=4709 to N=5621.

\*p&lt;0.01. \*\*p&lt;0.001.

Technical Appendix Table 2

Mean scores, standard deviations, and t-values of general setting attribute performance for gender, education, and disability

	Males <sup>a</sup>					Females <sup>b</sup>					<16 yrs. ed. <sup>c</sup>					15+ yrs. ed. <sup>d</sup>					With <sup>e</sup>			Without a disability <sup>f</sup>		
	mean	s.d.	mean	s.d.	t	mean	s.d.	mean	s.d.	t	mean	s.d.	mean	s.d.	t	mean	s.d.	mean	s.d.	t	mean	s.d.	mean	s.d.	t	
Information for planning a trip to the area	3.65	0.84	3.66	0.87	-0.84	3.64	0.88	3.68	0.81	-1.64	3.50	0.98	3.63	0.85	-1.58											
Location of area, it is near to my home	4.01	0.82	4.09	0.76	-4.25**	4.05	0.80	4.03	0.81	1.02	4.07	0.80	4.05	0.78	0.32											
Clear directional signs	3.76	0.85	3.82	0.85	-3.58**	3.78	0.86	3.78	0.83	0.12	3.65	0.93	3.77	0.85	-1.95											
Good roads and parking	3.86	0.91	3.89	0.90	-1.65	3.85	0.93	3.90	0.86	-2.83*	3.86	0.88	3.82	0.93	0.68											
Barrier-free access for disabled visitors	3.52	1.02	3.55	1.03	-1.05	3.53	1.05	3.54	0.97	-0.06	3.24	1.29	3.54	1.02	-2.64*											
Presence of a ranger or other agency employees	3.74	0.90	3.82	0.90	-3.86**	3.76	0.92	3.79	0.87	-1.36	3.79	0.98	3.73	0.91	0.89											
Cleanliness of restrooms, facilities, and grounds	3.71	1.04	3.75	1.04	-1.88	3.69	1.07	3.78	0.99	-4.08**	3.75	1.13	3.71	1.04	0.53											
Information and programs about the area history	3.53	1.01	3.59	1.03	-2.51	3.55	1.01	3.56	1.02	-0.31	3.49	1.12	3.48	1.01	0.10											
Helpfulness of area employees	3.97	0.83	4.01	0.84	-2.08	3.95	0.87	4.03	0.79	-4.44**	3.97	0.90	3.96	0.84	0.20											
Safety and security	3.81	0.83	3.89	0.83	-4.17**	3.97	0.88	3.90	0.77	-6.09**	3.85	0.88	3.82	0.84	0.46											
Quality of the scenery	4.48	0.68	4.52	0.67	-2.86*	4.44	0.70	4.58	0.63	-10.25**	4.43	0.65	4.48	0.69	-1.11											
Reasonable fees for use of the area and its services	4.09	0.87	4.15	0.86	-3.17*	4.02	0.91	4.22	0.80	-10.50**	4.01	0.90	4.12	0.86	-1.63											
Maps, informational signs, and bulletin boards	3.62	0.94	3.68	0.95	-2.96*	3.66	0.93	3.63	0.95	1.16	3.64	0.90	3.58	0.95	0.90											
Access to supplies and shopping	3.60	0.97	3.65	0.97	-1.94	3.58	1.00	3.68	0.90	-4.53**	3.57	0.97	3.60	0.97	-0.39											

Note: Performance measured on a scale of 1 “terrible” to 5 “delighted.”

<sup>a</sup>Item sample size for male visitors ranges from N=2897 to N=6524. <sup>b</sup>Item sample size for female visitors ranges from N=1705 to N=3825. <sup>c</sup>Item sample size for visitors with less than 16 years of education ranges from N=2934 to N=5950. <sup>d</sup>Item sample size for visitors with 16 years of education or more ranges from N=1592 to N=3934. <sup>e</sup>Item sample size for visitors with a disability ranges from N=135 to N=221. <sup>f</sup>Item sample size for visitors without a disability ranges from N=2485 to N=5525.

\*p&lt;0.01. \*\*p&lt;0.001.

Technical Appendix Table 3

Mean scores, standard deviations, and t-values of general setting attribute importance for previous visitation, race, and employment

	First-time <sup>a</sup>					Return <sup>b</sup>					Non-white <sup>c</sup>					White <sup>d</sup>					Employed <sup>e</sup>			Unemployed <sup>f</sup>		
	mean	s.d.	mean	s.d.	t	mean	s.d.	mean	s.d.	t	mean	s.d.	mean	s.d.	t	mean	s.d.	mean	s.d.	t	mean	s.d.	mean	s.d.	t	
Information for planning a trip to the area	3.61	1.03	3.27	1.12	13.93**	3.41	1.08	3.36	1.11	0.86	3.38	1.10	3.32	1.12	2.28											
Location of the area, it is near to my home	2.08	1.08	2.64	1.21	-21.03**	2.49	1.21	2.48	1.20	0.19	2.50	1.19	2.45	1.23	1.72											
Clear directional signs	3.74	1.02	3.49	1.11	10.29**	3.67	1.08	3.55	1.10	1.96	3.50	1.12	3.66	1.05	-6.88**											
Good roads and parking	3.41	1.09	3.46	1.13	-1.89	3.56	1.16	3.43	1.13	1.94	3.37	1.16	3.58	1.05	-9.11**											
Barrier-free access for disabled visitors	3.16	1.27	3.16	1.30	0.11	3.36	1.30	3.13	1.30	2.85*	3.06	1.31	3.30	1.25	-7.78**											
Presence of a ranger or other agency employees	2.87	1.24	2.84	1.29	0.83	2.95	1.28	2.84	1.27	1.48	2.75	1.26	3.02	1.27	-9.75**											
Cleanliness of restrooms, facilities, and grounds	4.06	0.93	4.07	0.98	-0.65	4.16	0.99	4.06	0.97	1.72	4.03	1.00	4.15	0.90	-5.65**											
Information and programs about the area history	3.30	1.08	2.96	1.13	13.55**	3.12	1.15	3.05	1.12	1.08	3.03	1.12	3.11	1.12	-3.27*											
Helpfulness of area employees	3.59	0.98	3.43	1.07	6.78**	3.42	1.08	3.47	1.05	-0.86	3.44	1.05	3.52	1.03	-3.52**											
Safety and security	4.00	1.01	3.92	1.08	3.36*	3.98	1.07	3.93	1.06	0.69	3.89	1.08	4.04	1.00	-6.39**											
Quality of the scenery	4.11	0.90	4.06	0.95	2.22	4.11	0.94	4.07	0.93	0.60	4.13	0.92	3.95	0.95	8.87**											
Reasonable fees for use of the area and its services	3.84	1.02	3.87	1.08	-1.12	3.74	1.14	3.86	1.06	-1.73	3.85	1.05	3.88	1.07	-1.34											
Maps, informational signs, and bulletin boards	3.61	1.02	3.32	1.08	12.46**	3.48	1.09	3.40	1.07	1.33	3.39	1.08	3.42	1.05	-1.30											
Access to supplies and shopping	2.55	1.21	2.55	1.28	-0.23	2.81	1.31	2.54	1.25	3.72**	2.50	1.25	2.63	1.26	-4.73**											

**Note:** Importance measured on a scale of 1 “not important” to 5 “extremely important.”

<sup>a</sup>Item sample size for first time visitors ranges from N=1942 to N=2598. <sup>b</sup>Item sample size for return visitors ranges from N=5960 to N=7430. <sup>c</sup>Item sample size for non-white visitors ranges from N=261 to N=323. <sup>d</sup>Item sample size for white visitors ranges from N=8190 to N=10248. <sup>e</sup>Item sample size for employed visitors ranges from N=2722 to N=6090. <sup>f</sup>Item sample size for not-employed visitors ranges from N=1489 to N=3164.

\*p&lt;0.01. \*\*p&lt;0.001.

Technical Appendix Table 4

Mean scores, standard deviations, and t-values of general setting attribute performance for previous visitation, race, and employment

	First-time <sup>a</sup>					Return <sup>b</sup>					Non-white <sup>c</sup>					White <sup>d</sup>					Employed <sup>e</sup>			Unemployed <sup>f</sup>		
	mean	s.d.	mean	s.d.	t	mean	s.d.	mean	s.d.	t	mean	s.d.	mean	s.d.	t	mean	s.d.	mean	s.d.	t	mean	s.d.	mean	s.d.	t	
Information for planning a trip to the area	3.64	0.85	3.68	0.85	-1.75	3.47	0.94	3.66	0.85	-3.06*	3.64	0.85	3.69	0.84	-2.61*											
Location of the area, it is near to my home	3.83	0.84	4.09	0.78	-9.86**	3.99	0.88	4.04	0.80	-0.90	4.03	0.81	4.05	0.78	-0.74											
Clear directional signs	3.73	0.87	3.82	0.82	-4.55**	3.72	0.91	3.78	0.85	-1.11	3.78	0.84	3.80	0.84	-1.26											
Good roads and parking	3.92	0.87	3.86	0.92	3.26*	3.77	1.03	3.87	0.90	-1.63	3.86	0.92	3.91	0.88	-2.64*											
Barrier-free access for disabled visitors	3.60	0.97	3.51	1.04	2.38	3.41	1.18	3.54	1.02	-1.27	3.52	1.01	3.58	1.03	-1.95											
Presence of a ranger or other agency employees	3.90	0.83	3.73	0.92	7.75**	3.73	0.97	3.77	0.90	-0.70	3.75	0.90	3.81	0.87	-2.78*											
Cleanliness of restrooms, facilities, and grounds	3.88	0.95	3.68	1.06	8.31**	3.68	1.11	3.73	1.03	-0.68	3.70	1.04	3.79	1.00	-3.91**											
Information and programs about the area history	3.70	1.00	3.51	1.01	7.30**	3.42	1.04	3.55	1.01	-2.03	3.51	1.01	3.63	1.00	-4.86**											
Helpfulness of area employees	4.13	0.76	3.93	0.85	9.55**	3.86	0.89	3.99	0.83	-2.19	3.96	0.84	4.04	0.79	-4.20**											
Safety and security	4.01	0.71	3.78	0.87	11.78**	3.84	0.85	3.84	0.83	0.07	3.83	0.83	3.87	0.83	-1.93											
Quality of the scenery	4.53	0.66	4.48	0.69	3.38*	4.41	0.71	4.50	0.67	-2.27	4.51	0.68	4.47	0.67	2.62*											
Reasonable fees for use of the area and its services	4.24	0.79	4.04	0.89	9.55**	4.00	0.94	4.11	0.86	-1.93	4.13	0.86	4.08	0.87	2.15											
Maps, informational signs, and bulletin boards	3.70	0.95	3.64	0.92	2.95*	3.57	0.99	3.64	0.94	-1.21	3.60	0.93	3.72	0.90	-5.29**											
Access to supplies and shopping	3.61	0.95	3.63	0.97	-0.86	3.64	0.97	3.62	0.97	0.37	3.63	0.96	3.61	0.97	0.62											

**Note:** Performance measured on a scale of 1 “terrible” to 5 “delighted.”

<sup>a</sup>Item sample size for first time visitors ranges from N=949 to N=2549. <sup>b</sup>Item sample size for return visitors ranges from N=3447 to N=7271. <sup>c</sup>Item sample size for non-white visitors ranges from N=150 to N=313. <sup>d</sup>Item sample size for white visitors ranges from N=4456 to N=10041. <sup>e</sup>Item sample size for employed visitors ranges from N=2722 to N=6090. <sup>f</sup>Item sample size for not-employed visitors ranges from N=1489 to N=3164.

\*p&lt;0.01. \*\*p&lt;0.001.

Technical Appendix Table 5

Mean scores, standard deviations, and t-values of general setting attribute performance for distance traveled, length of stay, and day of visit

	Local <sup>a</sup>		Non-local <sup>b</sup>		Day <sup>c</sup> mean	s.d.	Overnight <sup>d</sup>		Weekday <sup>e</sup> mean	s.d.	Weekend/Holiday <sup>f</sup>	
	mean	s.d.	mean	s.d.			mean	s.d.			mean	s.d.
Information for planning a trip to the area	3.26	1.12	3.37	1.10	-3.64**		3.43	1.09	3.33	1.12	4.26**	
Location of the area, it is near to my home	3.15	1.19	2.33	1.15	26.45**		2.65	1.24	2.39	1.17	10.00**	
Clear directional signs	3.56	1.12	3.55	1.10	0.32		3.66	1.07	3.52	1.11	6.34**	
Good roads and parking	3.65	1.10	3.40	1.12	8.67**		3.59	1.07	3.38	1.14	9.14**	
Barrier-free access for disabled visitors	3.37	1.26	3.08	1.30	8.01**		3.29	1.27	3.09	1.30	6.66**	
Presence of a ranger or other agency employees	2.84	1.32	2.85	1.27	-0.23		2.83	1.26	2.88	1.28	-1.84	
Cleanliness of restrooms, facilities, and grounds	4.11	0.97	4.07	0.97	1.63		4.06	0.95	4.09	0.97	-1.52	
Information and programs about the area history	2.95	1.15	3.07	1.12	-3.90**		3.19	1.12	2.97	1.11	9.31**	
Helpfulness of area employees	3.42	1.10	3.47	1.04	-1.99		3.50	1.05	3.47	1.04	1.14	
Safety and security	3.92	1.07	3.94	1.05	-0.82		3.97	1.04	3.95	1.06	1.19	
Quality of the scenery	4.08	0.94	4.08	0.92	-0.24		4.08	0.94	4.06	0.94	0.89	
Reasonable fees for use of the area and its services	3.85	1.13	3.86	1.04	-0.47		3.79	1.08	3.91	1.05	-5.31**	
Maps, informational signs, and bulletin boards	3.32	1.11	3.39	1.07	-2.57		3.48	1.06	3.36	1.07	5.71**	
Access to supplies and shopping	2.54	1.30	2.55	1.25	-0.41		2.57	1.26	2.57	1.25	-0.07	
											2.58	1.25
											2.54	1.28
											1.35	

Note: Importance measured on a scale of 1 “not important” to 5 “extremely important.”

<sup>a</sup>Item sample size for local visitors ranges from N=1575 to N=1891. <sup>b</sup>Item sample size for non-local visitors ranges from N=5516 to N=6972. <sup>c</sup>Item sample size for day visitors ranges from N=3105 to N=3868. <sup>d</sup>Item sample size for overnight visitors ranges from N=4793 to N=6054. <sup>e</sup>Item sample size for weekday visitors ranges from N=2856 to N=3781. <sup>f</sup>Item sample size for weekend/holiday visitors ranges from N=2522 to N=3305.

\*p&lt;0.01. \*\*p&lt;0.001.

Technical Appendix Table 6

Mean scores, standard deviations, and t-values of general setting attribute performance for distance traveled, length of stay, and day of visit

	Local <sup>a</sup>		Non-local <sup>b</sup>		t	Day <sup>c</sup>		Overnight <sup>d</sup>		t	Weekday <sup>e</sup>		Weekend/Holiday <sup>f</sup>		
	mean	s.d.	mean	s.d.		mean	s.d.	mean	s.d.		mean	s.d.	mean	s.d.	
Information for planning a trip to the area	3.60	0.91	3.68	0.83	-2.77*	3.65	0.86	3.65	0.85	-0.02	3.71	0.82	3.64	0.88	2.51
Location of the area, it is near to my home	4.38	0.67	3.93	0.79	22.28**	4.16	0.77	3.96	0.81	10.22**	3.99	0.84	4.09	0.78	-4.16**
Clear directional signs	3.82	0.83	3.79	0.84	1.67	3.76	0.87	3.80	0.83	-1.98	3.80	0.83	3.79	0.85	0.56
Good roads and parking	3.80	0.97	3.90	0.89	-3.76**	3.88	0.91	3.87	0.90	0.07	3.92	0.87	3.82	0.95	4.88**
Barrier-free access for disabled visitors	3.35	1.12	3.60	0.98	-6.09**	3.46	1.09	3.58	0.98	-3.67**	3.52	1.04	3.47	1.06	1.36
Presence of a ranger or other agency employees	3.59	0.98	3.79	0.89	-6.94**	3.75	0.92	3.79	0.90	-1.66	3.79	0.89	3.72	0.94	2.67*
Cleanliness of restrooms, facilities, and grounds	3.48	1.13	3.77	1.02	-9.57**	3.68	1.06	3.75	1.03	-2.97*	3.78	1.00	3.64	1.09	5.24**
Information and programs about the area history	3.34	1.08	3.61	0.99	-8.15**	3.62	1.05	3.53	0.99	3.49**	3.60	1.01	3.53	1.02	2.25
Helpfulness of area employees	3.78	0.93	4.01	0.82	-8.58**	3.96	0.84	4.00	0.83	-2.16	4.02	0.82	3.92	0.89	4.06**
Safety and security	3.63	0.93	3.87	0.81	-9.41**	3.80	0.85	3.86	0.83	-3.29*	3.87	0.81	3.78	0.87	4.05**
Quality of the scenery	4.38	0.77	4.52	0.65	-7.52**	4.51	0.67	4.49	0.68	1.09	4.51	0.67	4.48	0.71	1.57
Reasonable fees for use of the area and its services	3.93	0.98	4.14	0.83	-7.31**	4.15	0.87	4.08	0.87	3.11*	4.09	0.86	4.07	0.90	0.93
Maps, informational signs, and bulletin boards	3.49	1.01	3.64	0.91	-6.72**	3.65	0.97	3.65	0.92	0.13	3.68	0.93	3.63	0.94	2.09
Access to supplies and shopping	3.45	1.08	3.67	0.93	-6.48**	3.55	1.02	3.65	0.95	-3.73**	3.66	0.93	3.58	1.01	3.08*

Note: Performance measured on a scale of 1 “terrible” to 5 “delighted.”

<sup>a</sup>Item sample size for local visitors ranges from N=998 to N=1849. <sup>b</sup>Item sample size for non-local visitors ranges from N=2912 to N=6830. <sup>c</sup>Item sample size for day visitors ranges from N=1796 to N=3792. <sup>d</sup>Item sample size for overnight visitors ranges from N=2561 to N=5927. <sup>e</sup>Item sample size for weekday visitors ranges from N=1556 to N=3706. <sup>f</sup>Item sample size for weekend/holiday visitors ranges from N=1466 to N=3217.

\*p&lt;0.01. \*\*p&lt;0.001.

Technical Appendix Table 7

Mean scores, standard deviations, and t-values of general setting attribute importance for region of origin

	Pacific <sup>1</sup> mean	Pacific <sup>1</sup> s.d.	Rockies <sup>2</sup> mean	Rockies <sup>2</sup> s.d.	South <sup>3</sup> mean	South <sup>3</sup> s.d.	North <sup>4</sup> mean	North <sup>4</sup> s.d.	F
Information for planning a trip to the area	3.31 <sup>b</sup>	1.10	3.17 <sup>a</sup>	1.12	3.53 <sup>c</sup>	1.07	3.50 <sup>c</sup>	1.09	47.18**
Location of area, it is near my home	2.39 <sup>a</sup>	1.20	2.74 <sup>c</sup>	1.18	2.60 <sup>b</sup>	1.21	2.21 <sup>a</sup>	1.15	72.83**
Clear directional signs	3.41 <sup>a</sup>	1.12	3.49 <sup>b</sup>	1.14	3.74 <sup>c</sup>	1.04	3.75 <sup>c</sup>	1.03	64.75**
Good roads and parking	3.31 <sup>a</sup>	1.16	3.43 <sup>b</sup>	1.14	3.63 <sup>d</sup>	1.05	3.52 <sup>c</sup>	1.08	42.39**
Barrier-free access for disabled visitors	3.00 <sup>a</sup>	1.31	3.10 <sup>b</sup>	1.28	3.33 <sup>c</sup>	1.25	3.27 <sup>c</sup>	1.31	28.74**
Presence of a ranger or other agency employees	2.64 <sup>a</sup>	1.27	2.69 <sup>a</sup>	1.28	3.19 <sup>c</sup>	1.23	3.06 <sup>b</sup>	1.21	118.00**
Cleanliness of restrooms, facilities, and grounds	3.96 <sup>a</sup>	1.00	4.03 <sup>b</sup>	1.03	4.23 <sup>c</sup>	0.87	4.18 <sup>c</sup>	0.92	47.35**
Information and programs about the area history	2.96 <sup>b</sup>	1.12	2.85 <sup>a</sup>	1.13	3.25 <sup>c</sup>	1.12	3.24 <sup>c</sup>	1.09	71.04**
Helpfulness of area employees	3.38 <sup>b</sup>	1.07	3.31 <sup>a</sup>	1.08	3.66 <sup>c</sup>	0.99	3.62 <sup>c</sup>	1.00	61.99**
Safety and security	3.85 <sup>a</sup>	1.09	3.77 <sup>a</sup>	1.11	4.20 <sup>d</sup>	0.94	4.05 <sup>c</sup>	1.00	81.82**
Quality of the scenery	4.10 <sup>b</sup>	0.93	3.99 <sup>a</sup>	0.97	4.15 <sup>c</sup>	0.89	4.06 <sup>b</sup>	0.92	12.28**
Reasonable fees for use of the area and its services	3.81 <sup>a</sup>	1.07	3.86 <sup>a,b</sup>	1.09	3.92 <sup>b</sup>	1.06	3.90 <sup>b</sup>	1.02	6.35**
Maps, informational signs, and bulletin boards	3.27 <sup>a</sup>	1.09	3.27 <sup>a</sup>	1.10	3.58 <sup>b</sup>	1.02	3.58 <sup>b</sup>	1.03	67.39**
Access to supplies and shopping	2.40 <sup>b</sup>	1.23	2.31 <sup>a</sup>	1.21	2.86 <sup>c</sup>	1.27	2.80 <sup>c</sup>	1.24	115.89**

Note: Importance measured on a scale of 1 “not important” to 5 “extremely important.”

<sup>1</sup>Item sample size for visitors from the Pacific region ranges from N=2940 to N=3706. <sup>2</sup>Item sample size for visitors from the Rockies region ranges from N=1842 to N=2278. <sup>3</sup>Item sample size for visitors from the South region ranges from N=1839 to N=2263. <sup>4</sup>Item sample size for visitors from the North region ranges from N=1360 to N=1644.

\*p&lt;0.01. \*\*p&lt;0.001.

Technical Appendix Table 8

Mean scores, standard deviations, and t-values of general setting attribute performance for region of origin

	Pacific <sup>1</sup> mean	s.d.	Rockies <sup>2</sup> mean	s.d.	South <sup>3</sup> mean	s.d.	North <sup>4</sup> mean	s.d.	F
Information for planning a trip to the area	3.70 <sup>b</sup>	0.82	3.56 <sup>a</sup>	0.90	3.66 <sup>b</sup>	0.88	3.68 <sup>b</sup>	0.83	7.98**
Location of area, it is near to my home	4.00 <sup>b</sup>	0.82	4.17 <sup>c</sup>	0.72	4.04 <sup>b</sup>	0.80	3.91 <sup>a</sup>	0.83	24.53**
Clear directional signs	3.82 <sup>b</sup>	0.80	3.70 <sup>a</sup>	0.92	3.83 <sup>b</sup>	0.84	3.75 <sup>a</sup>	0.87	12.27**
Good roads and parking	3.84 <sup>b</sup>	0.93	3.77 <sup>a</sup>	0.97	3.94 <sup>c</sup>	0.88	4.01 <sup>d</sup>	0.77	27.70**
Barrier-free access for disabled visitors	3.49 <sup>a</sup>	1.06	3.41 <sup>a</sup>	1.03	3.58 <sup>b</sup>	1.02	3.71 <sup>c</sup>	0.93	14.53**
Presence of a ranger or other agency employees	3.69 <sup>a</sup>	0.92	3.72 <sup>a</sup>	0.92	3.88 <sup>b</sup>	0.91	3.82 <sup>b</sup>	0.84	19.57**
Cleanliness of restrooms, facilities, and grounds	3.68 <sup>b</sup>	1.03	3.59 <sup>a</sup>	1.12	3.77 <sup>c</sup>	1.06	3.92 <sup>d</sup>	0.92	31.60**
Information and programs about the area history	3.50 <sup>b</sup>	1.02	3.37 <sup>a</sup>	1.07	3.69 <sup>c</sup>	0.98	3.71 <sup>c</sup>	0.95	39.83**
Helpfulness of area employees	3.92 <sup>a</sup>	0.84	3.87 <sup>a</sup>	0.89	4.09 <sup>b</sup>	0.82	4.06 <sup>b</sup>	0.78	28.81**
Safety and security	3.80 <sup>b</sup>	0.82	3.75 <sup>a</sup>	0.85	3.93 <sup>c</sup>	0.88	3.89 <sup>c</sup>	0.80	19.74**
Quality of the scenery	4.54 <sup>b</sup>	0.67	4.46 <sup>a</sup>	0.71	4.47 <sup>a</sup>	0.67	4.50 <sup>a,b</sup>	0.63	7.88**
Reasonable fees for use of the area and its services	4.05 <sup>a</sup>	0.94	4.04 <sup>a</sup>	0.90	4.16 <sup>b</sup>	0.80	4.21 <sup>b</sup>	0.76	17.41**
Maps, informational signs, and bulletin boards	3.58 <sup>b</sup>	0.95	3.46 <sup>a</sup>	1.00	3.80 <sup>c</sup>	0.88	3.79 <sup>c</sup>	0.86	57.09**
Access to supplies and shopping	3.68 <sup>b</sup>	0.92	3.56 <sup>a</sup>	1.01	3.50 <sup>a</sup>	1.05	3.69 <sup>b</sup>	0.91	14.12**

Note: Performance measured on a scale of 1 “terrible” to 5 “delighted.”

<sup>1</sup>Item sample size for visitors from the Pacific region ranges from N=1566 to N=3523. <sup>2</sup>Item sample size for visitors from the Rockies region ranges from N=977 to N=2167. <sup>3</sup>Item sample size for visitors from the South region ranges from N=1041 to N=2207. <sup>4</sup>Item sample size for visitors from the North region ranges from N=780 to N=1209.

\*p&lt;0.01. \*\*p&lt;0.001.

Technical Appendix Table 9

Mean scores, standard deviations, and t-values of developed setting attribute importance for gender, education and disability

	Males <sup>a</sup>		Females <sup>b</sup>		t	<16 yrs. ed. <sup>c</sup>		15+ yrs. ed. <sup>d</sup>		t	With/ <sup>e</sup>		Without a disability <sup>f</sup>	
	mean	s.d.	mean	s.d.		mean	s.d.	mean	s.d.		mean	s.d.	mean	s.d.
An uncrowded and quiet setting	3.89	.98	3.83	1.07	1.52	3.77	1.05	4.00	0.96	-5.96**	3.76	1.08	3.93	0.98
Adequate parking spaces	3.44	1.02	3.65	1.04	-5.25**	3.57	1.04	3.48	1.02	2.31	3.76	0.87	3.48	1.04
Nearby stores for food and supplies	2.47	1.20	2.63	1.26	-3.34*	2.69	1.26	2.32	1.16	7.45**	2.77	1.31	2.44	1.21
Clean, well-maintained facilities available	3.82	1.02	4.01	1.00	-4.95**	3.98	0.97	3.78	1.08	4.82**	4.08	0.85	3.84	1.02
Cabin, or campsite reservations available	2.55	1.39	2.78	1.45	-4.03*	2.71	1.43	2.64	1.40	1.20	3.04	1.46	2.52	1.41
Educational programs	2.08	1.10	2.17	1.19	-1.89	2.09	1.15	2.15	1.11	-1.14	2.14	1.10	2.05	1.12
Group shelters available	1.84	1.07	2.08	1.22	-4.90**	2.04	1.18	1.81	1.08	4.66**	2.19	1.24	1.85	1.10
Gravel or paved camping access	2.90	1.30	2.97	1.37	-1.35	3.06	1.30	2.72	1.36	6.05**	3.20	1.22	2.83	1.35
Availability of firewood	2.78	1.32	2.89	1.35	-2.23	2.95	1.34	2.64	1.31	5.72**	2.85	1.43	2.78	1.34
Flush toilets available	2.95	1.47	3.15	1.52	-3.49**	3.18	1.47	2.85	1.49	5.35**	3.59	1.29	2.89	1.50
Drinking water available	3.90	1.14	4.00	1.14	-2.24	4.01	1.11	3.85	1.19	3.55**	3.91	1.16	3.89	1.16
Lighting available in the area and restrooms	3.02	1.48	2.84	1.53	-2.87*	3.31	1.44	2.94	1.45	6.21**	3.58	1.36	3.00	1.46
Hot showers available	2.67	1.48	2.84	1.53	-2.87*	2.93	1.51	2.47	1.45	7.38**	3.67	1.49	2.61	1.47
Electrical hookups	2.17	1.41	2.29	1.48	-2.12	2.43	1.49	1.90	1.30	8.87**	2.84	1.58	2.04	1.34
RV sewage dump stations	2.37	1.52	2.42	1.57	-0.68	2.66	1.56	1.99	1.42	10.14**	2.98	1.77	2.19	1.46
Laundry facilities nearby	1.67	1.01	1.82	1.18	-3.04*	1.85	1.15	1.57	0.96	6.14**	1.88	1.20	1.58	0.97
Recreation equipment rentals	1.67	1.02	1.88	1.21	-3.04*	1.86	1.17	1.61	0.99	5.57**	2.08	1.37	1.59	0.98
Telephones available	2.56	1.33	2.81	1.41	-4.55**	2.80	1.39	2.47	1.33	5.94**	3.02	1.47	2.55	1.34
Picnic tables available	3.33	1.25	3.56	1.26	-4.82**	3.52	1.24	3.28	1.28	4.81**	3.50	1.34	3.41	1.26
Fire rings available	3.30	1.33	3.54	1.36	-4.52**	3.54	1.31	3.20	1.39	5.99**	3.53	1.41	3.35	1.36
Cooking grills available	2.67	1.34	2.91	1.44	-4.40**	2.91	1.42	2.56	1.41	6.00**	3.03	1.47	2.69	1.42
Playground/sports fields	1.94	1.19	2.08	1.23	-2.90*	2.11	1.29	1.84	1.12	5.38**	2.04	1.18	1.95	1.22
Well-maintained trails	3.25	1.19	3.44	1.21	-3.58**	3.28	1.21	3.39	1.19	-1.91	3.03	1.21	3.32	1.20

Note: Importance measured on a scale of 1 “not important” to 5 “extremely important.”

<sup>a</sup>Item sample size for males ranges from N=1186 to N=1670. <sup>b</sup>Item sample size for females ranges from N=889 to N=1171. <sup>c</sup>Item sample size for visitors with less than 16 years of education ranges from N=1288 to N=1756. <sup>d</sup>Item sample size for visitors with 16 years or more of education ranges from N=442 to N=184. <sup>e</sup>Item sample size for visitors with a disability ranges from N=50 to N=68. <sup>f</sup>Item sample size for visitors without a disability ranges from N=803 to N=1513.

\*p&lt;0.01. \*\*p&lt;0.001.

Technical Appendix Table 10

Mean scores, standard deviations, and t-values of developed setting attribute performance for gender, education and disability

	Males <sup>a</sup>			Females <sup>b</sup>			<16 yrs. ed. <sup>c</sup>			15+ yrs. ed. <sup>d</sup>			With/ <sup>e</sup>			Without a disability <sup>f</sup>		
	mean	s.d.	mean	s.d.	t	mean	s.d.	mean	s.d.	t	mean	s.d.	mean	s.d.	t	mean	s.d.	t
An uncrowded and quiet setting	4.01	0.81	3.99	0.84	0.42	3.98	0.83	4.02	0.81	-1.12	3.88	0.81	4.08	0.81	-1.97			
Adequate parking spaces	4.03	0.73	4.05	0.76	-0.67	4.01	0.76	4.08	0.71	-2.48	3.78	0.95	4.12	0.68	-2.89*			
Nearby stores for food and supplies	3.57	0.94	3.64	0.93	-1.76	3.54	0.97	3.71	0.84	-4.07**	3.49	1.01	3.60	0.97	-0.73			
Clean, well-maintained facilities available	3.89	0.85	3.89	0.92	-0.02	3.86	0.91	3.94	0.82	-2.25	3.77	1.00	3.92	0.84	-1.16			
Cabin, or campsite reservations available	3.69	0.98	3.70	1.02	-0.28	3.71	0.99	3.67	1.00	0.69	3.32	1.16	3.78	0.95	-2.05			
Educational programs	3.43	1.00	3.43	1.03	0.00	3.43	1.01	3.43	1.01	0.00	3.12	1.05	3.39	0.97	-1.07			
Group shelters available	3.51	0.96	3.58	0.96	-1.02	3.54	0.94	3.50	1.00	0.56	2.95	1.03	3.58	0.91	-2.64			
Gravel or paved camping access	3.98	0.76	4.01	0.78	-1.06	3.99	0.76	4.00	0.76	-0.22	3.60	0.85	4.01	0.75	-3.43*			
Availability of firewood	3.65	1.08	3.63	1.12	0.45	3.61	1.11	3.71	1.06	-1.89	3.23	1.11	3.80	1.05	-3.12*			
Flush toilets available	3.88	1.03	3.89	1.10	-0.27	3.89	1.07	3.89	1.03	-0.06	3.94	1.12	3.92	1.03	0.12			
Drinking water available	4.04	0.89	3.93	1.03	2.78*	3.96	0.99	4.03	0.91	-1.82	3.95	0.93	4.02	0.92	-0.57			
Lighting available in the area and restrooms	3.80	1.01	3.83	1.09	-0.66	3.81	1.07	3.81	1.00	-0.10	3.95	1.11	3.86	0.98	0.55			
Hot showers available	3.80	1.01	3.83	1.09	-0.66	3.29	1.42	3.34	1.35	-0.68	3.21	1.59	3.38	1.34	-0.54			
Electrical hookups	3.23	1.33	3.25	1.41	-0.19	3.22	1.37	3.29	1.34	-0.71	3.04	1.17	3.25	1.29	-0.88			
RV sewage dump stations	3.58	1.22	3.55	1.24	0.40	3.59	1.22	3.47	1.25	1.23	3.50	1.36	3.70	1.11	-0.64			
Laundry facilities	3.17	1.25	3.09	1.25	0.83	3.06	1.26	3.30	1.17	-2.31	2.40	1.51	3.13	1.27	-1.51			
Recreation equipment rentals	3.39	1.12	3.47	1.15	-0.92	3.39	1.13	3.48	1.11	-0.98	2.88	1.22	3.39	1.18	-1.69			
Telephones nearby	3.54	1.08	3.62	1.13	-1.52	3.54	1.13	3.65	1.03	-1.94	3.41	1.21	3.60	1.09	-0.89			
Picnic tables available	4.13	0.72	4.17	0.76	-1.23	4.16	0.75	4.15	0.76	0.25	3.78	0.88	4.20	0.72	-3.52*			
Fire rings available	4.11	0.79	4.20	0.81	-2.39	4.15	0.81	4.14	0.78	0.46	3.68	0.94	4.19	0.75	-3.41*			
Cooking grills available	3.95	0.89	4.02	0.88	-1.56	3.98	0.90	3.96	0.85	0.40	3.66	1.01	4.02	0.83	-2.40			
Playground/sports fields	3.58	1.06	3.47	1.14	1.58	3.52	1.13	3.53	0.98	-0.15	3.08	1.38	3.68	1.05	-1.49			
Well-maintained trails	3.88	0.86	3.96	0.88	-1.92	3.83	0.89	3.98	0.84	-1.58	3.47	1.15	3.91	0.81	-2.38			

Note: Performance measured on a scale of 1 “terrible” to 5 “delighted.”

Item sample size for male visitors ranges from N=395 to N=1615. Item sample size for female visitors ranges from N=257 to N=1127. Item sample size for visitors with less than 16 years of education ranges from N=442 to N=1694. Item sample size for visitors with 16 years or more education ranges from N=184 to N=949.

Item sample size for visitors with a disability ranges from N=10 to N=66. Item sample size for visitors without a disability ranges from N=303 to N=1449.

\*p&lt;0.01. \*\*p&lt;0.001.

Technical Appendix Table 11

Mean scores, standard deviations, and t-values of developed setting attribute importance for previous visitation, race, and employment

	First-time <sup>a</sup>					Return <sup>b</sup>					Non-white <sup>c</sup>					White <sup>d</sup>					Employed <sup>e</sup>			Unemployed <sup>f</sup>		
	mean	s.d.	mean	s.d.	t	mean	s.d.	mean	s.d.	t	mean	s.d.	mean	s.d.	t	mean	s.d.	mean	s.d.	t	mean	s.d.	mean	s.d.	t	
An uncrowded and quiet setting	3.81	1.01	3.87	1.02	-1.34	3.77	0.96	3.87	1.02	-0.95	3.94	0.99	3.72	1.04	5.33**											
Adequate parking spaces	3.49	1.04	3.57	1.02	-1.65	3.77	0.99	3.52	1.03	2.36	3.51	1.04	3.59	1.00	-1.93											
Nearby stores for food and supplies	2.55	1.21	2.57	1.25	-0.47	2.99	1.37	2.53	1.23	3.03*	2.52	1.22	2.59	1.25	-1.34											
Clean, well-maintained facilities available	3.90	1.00	3.92	1.01	-0.36	4.08	0.98	3.90	1.02	1.74	3.89	1.02	3.94	0.96	-1.25											
Cabin, or campsite reservations available	2.73	1.40	2.67	1.43	0.91	2.98	1.40	2.63	1.42	2.21	2.71	1.41	2.55	1.42	2.62*											
Educational programs	2.28	1.12	2.06	1.13	4.03**	2.42	1.25	2.11	1.13	2.18	2.12	1.13	2.10	1.15	0.36											
Group shelters available	1.88	1.07	2.00	1.19	-2.04	2.25	1.27	1.93	1.14	2.17	1.89	1.10	2.07	1.22	-3.44*											
Gravel or paved camping access	2.87	1.31	2.98	1.33	-1.67	3.25	1.19	2.91	1.33	2.59	2.85	1.34	3.09	1.29	-4.44**											
Availability of firewood	2.74	1.34	2.88	1.33	-2.27	3.12	1.25	2.81	1.33	2.21	2.87	1.33	2.73	1.33	2.40											
Flush toilets available	3.02	1.46	3.09	1.49	-1.12	3.35	1.46	3.03	1.49	1.97	3.00	1.50	3.12	1.46	-1.97											
Drinking water available	3.92	1.14	3.96	1.14	-0.82	4.09	1.10	3.94	1.15	1.25	3.92	1.16	3.99	1.09	-1.41											
Lighting available in the area and restrooms	3.15	1.43	3.20	1.46	-0.78	3.64	1.43	3.13	1.46	3.25*	3.09	1.47	3.29	1.42	-3.43*											
Hot showers available	2.73	1.47	2.78	1.52	-0.78	2.91	1.43	2.73	1.51	1.12	2.70	1.51	2.82	1.49	-1.88											
Electrical hookups	2.19	1.42	2.26	1.45	-1.02	2.64	1.55	2.20	1.43	2.49	2.08	1.39	2.48	1.49	-6.25**											
RV sewage dump stations	2.33	1.52	2.45	1.55	-1.48	2.91	1.65	2.38	1.53	2.57	2.14	1.48	2.85	1.54	-10.46**											
Laundry facilities nearby	1.88	1.16	1.70	1.07	3.04*	1.99	1.20	1.72	1.08	1.87	1.63	1.02	1.92	1.17	-5.93**											
Recreation equipment rentals	1.87	1.15	1.74	1.11	2.19	2.21	1.32	1.74	1.10	3.07*	1.74	1.09	1.79	1.13	-1.15											
Telephones available	2.68	1.36	2.68	1.38	-0.09	3.30	1.41	2.65	1.37	4.17**	2.57	1.34	2.86	1.41	-4.87**											
Picnic tables available	3.31	1.28	3.49	1.24	-3.13*	3.74	1.21	3.41	1.26	2.54	3.45	1.26	3.43	1.24	0.56											
Fire rings available	3.26	1.37	3.48	1.34	-3.46*	3.84	1.20	3.39	1.36	3.45*	3.45	1.35	3.35	1.34	1.75											
Cooking grills available	2.66	1.42	2.83	1.41	-2.49	3.40	1.34	2.74	1.42	4.47**	2.78	1.41	2.79	1.44	-0.03											
Playground/sports fields	1.86	1.16	2.06	1.26	-3.42*	2.56	1.35	1.98	1.23	3.91**	2.02	1.23	2.00	1.25	0.38											
Well-maintained trails	3.41	1.19	3.29	1.21	2.10	3.50	1.19	3.32	1.20	1.32	3.36	1.19	3.28	1.22	1.49											

Note: Importance measured on a scale of 1 “not important” to 5 “extremely important.”

<sup>a</sup>Item sample size for first time visitors ranges from N=482 to N=630. <sup>b</sup>Item sample size for return visitors ranges from N=1603 to N=2007. <sup>c</sup>Item sample size for non-white visitors ranges from N=65 to N=91. <sup>d</sup>Item sample size for white visitors ranges from N=2212 to N=2743. <sup>e</sup>Item sample size for employed visitors ranges from N=1231 to N=1661. <sup>f</sup>Item sample size for not-employed visitors ranges from N=753 to N=946.

\*p&lt;0.01. \*\*p&lt;0.001.

Technical Appendix Table 12

Mean scores, standard deviations, and t-values of developed setting attribute performance for previous visitation, race, and employment

	First-time <sup>a</sup>			Return <sup>b</sup>			Non-white <sup>c</sup>			White <sup>d</sup>			Employed <sup>e</sup>			Unemployed <sup>f</sup>		
	mean	s.d.	mean	s.d.	t	mean	s.d.	mean	s.d.	t	mean	s.d.	mean	s.d.	t	mean	s.d.	t
An uncrowded and quiet setting	4.05	1.19	3.96	1.21	2.28	4.04	0.90	4.00	0.82	0.35	4.00	0.84	4.03	0.79	-0.92			
Adequate parking	4.14	0.81	3.98	0.82	4.89**	4.01	0.83	4.05	0.74	-0.38	4.08	0.72	4.01	0.75	1.98			
Nearby stores for food and supplies	3.60	0.69	3.62	0.77	-0.27	3.60	1.06	3.60	0.93	0.01	3.64	0.92	3.53	0.95	2.40			
Clean, well-maintained facilities available	3.95	0.90	3.86	0.93	2.24	3.77	1.03	3.89	0.87	-1.12	3.89	0.90	3.90	0.81	-0.09			
Cabin, or campsite reservations available	3.69	0.87	3.69	0.89	0.00	3.71	1.05	3.69	0.99	0.08	3.68	1.01	3.80	0.89	-2.01			
Educational programs	3.56	1.00	3.39	1.00	2.28	3.36	1.04	3.43	1.01	-0.41	3.43	1.03	3.44	0.96	-0.20			
Group shelters available	3.55	0.99	3.53	1.01	0.22	3.42	1.15	3.55	0.95	-0.60	3.54	0.97	3.58	0.93	-0.62			
Gravel or paved camping access	4.05	0.92	3.98	0.98	1.88	3.88	0.96	3.99	0.76	-1.03	4.05	0.76	3.97	0.77	1.38			
Availability of firewood	3.67	0.75	3.64	0.77	0.59	3.64	1.08	3.64	1.10	-0.05	3.67	1.11	3.62	1.06	0.74			
Flush toilets available	3.84	1.10	3.92	1.10	-1.43	3.60	1.21	3.89	1.05	-1.87	3.92	1.05	3.86	1.03	1.04			
Drinking water available	4.04	1.04	3.97	1.04	1.53	3.83	1.17	4.00	0.95	-1.32	4.04	0.93	3.94	0.97	2.26			
Lighting available in the area and restrooms	3.88	0.89	3.80	0.98	1.38	3.77	1.10	3.82	1.04	-0.34	3.83	1.05	3.81	1.04	0.42			
Hot showers available	3.27	1.00	3.33	1.06	-0.66	2.74	1.50	3.33	1.39	-2.39	3.30	1.42	3.38	1.33	-0.95			
Electrical hookups	3.41	1.42	3.19	1.39	1.98	2.93	1.62	3.26	1.35	-1.05	3.22	1.37	3.33	1.33	-1.17			
RV sewage dump stations	3.15	1.31	3.59	1.37	-0.88	3.23	1.54	3.58	1.22	-1.06	3.58	1.25	3.59	1.19	-0.05			
Laundry facilities	3.16	1.23	3.15	1.24	0.04	3.00	1.41	3.14	1.24	-0.45	3.22	1.21	3.07	1.27	1.50			
Recreation equipment rentals	3.30	1.20	3.47	1.10	-1.63	3.52	1.16	3.42	1.14	0.40	3.44	1.10	3.43	1.18	0.11			
Telephones available	3.73	1.00	3.56	1.12	2.82*	3.57	1.27	3.57	1.10	0.00	3.61	1.06	3.54	1.14	1.22			
Picnic tables available	4.16	0.76	4.15	0.75	0.37	4.08	0.81	4.15	0.75	-0.61	4.17	0.78	4.13	0.70	1.35			
Fire rings available	4.12	0.86	4.16	0.78	-0.85	3.92	1.05	4.15	0.79	-1.89	4.18	0.82	4.12	0.74	1.55			
Cooking grills available	3.95	0.89	3.99	0.88	-0.66	3.93	1.00	3.98	0.88	-0.42	3.97	0.90	3.99	0.85	-0.48			
Playground/sports fields	3.39	1.08	3.54	1.10	-1.68	3.45	1.20	3.54	1.09	-0.47	3.56	1.10	3.55	1.08	0.03			
Well-maintained trails	4.00	0.91	3.87	0.85	0.70	3.88	0.99	3.90	0.86	-0.30	3.90	0.90	3.93	0.81	-0.73			

Note: Performance measured on a scale of 1 “terrible” to 5 “delighted.”

<sup>a</sup>Item sample size for first-time visitors ranges from N=155 to N=599. <sup>b</sup>Item sample size for return visitors ranges from N=454 to N=1869. <sup>c</sup>Item sample size for non-white visitors ranges from N=21 to N=90. <sup>d</sup>Item sample size for white visitors ranges from N=630 to N=2647. <sup>e</sup>Item sample size for employed visitors ranges from N=461 to N=1600. <sup>f</sup>Item sample size for not-employed visitors ranges from N=213 to N=913.

\*p&lt;0.01. \*\*p&lt;0.001.

Technical Appendix Table 13

Mean scores, standard deviations, and t-values of developed setting attribute importance for distance traveled, length of stay, and day of visit

	Local <sup>a</sup>		Non-local <sup>b</sup>		Day <sup>c</sup> mean	s.d.	Overnight <sup>d</sup>		t	Weekday <sup>e</sup>		Weekend/Holiday <sup>f</sup>				
	mean	s.d.	mean	s.d.			t	mean		mean	s.d.	mean	s.d.	t		
An uncrowded and quiet setting	3.62	1.06	3.94	0.99	-7.00**		3.79	1.04	3.85	1.02	-1.26	3.81	1.02	3.89	1.01	-1.52
Adequate parking spaces	3.62	1.02	3.53	1.03	1.86		3.54	1.01	3.60	1.02	-1.26	3.63	1.02	3.52	1.03	2.09
Nearby stores for food and supplies	2.41	1.25	2.65	1.22	-4.21**		2.63	1.24	2.67	1.28	-0.68	2.40	1.30	2.55	1.23	-2.12
Clean, well-maintained facilities available	3.90	1.01	3.96	0.99	-1.33		3.93	0.99	3.98	1.02	-1.03	3.89	1.04	3.91	1.02	-0.42
Cabin, or campsite reservations available	2.59	1.40	2.72	1.42	-1.88		2.69	1.42	2.84	1.44	-1.88	2.51	1.41	2.71	1.43	-2.54
Educational programs	2.30	1.19	2.07	1.12	4.01**		2.14	1.12	2.18	1.20	-0.59	1.93	1.05	2.16	1.16	-3.68**
Group shelters available	2.16	1.23	1.91	1.12	4.26**		1.96	1.14	2.04	1.21	-1.26	2.10	1.20	1.89	1.12	3.06*
Gravel or paved camping access	2.80	1.35	3.04	1.30	-3.78**		3.03	1.31	2.93	1.32	-0.45	3.02	1.31	2.93	1.33	1.19
Availability of firewood	2.41	1.35	3.03	1.28	-9.56**		2.80	1.31	3.06	1.32	-1.97	2.85	1.37	2.83	1.33	0.25
Flush toilets available	3.21	1.47	3.08	1.47	1.95		3.10	1.48	3.21	1.50	-1.49	3.00	1.50	3.03	1.51	-0.37
Drinking water available	3.77	1.21	4.06	1.08	-5.52**		3.99	1.11	4.00	1.14	-0.14	3.84	1.20	3.96	1.13	-1.88
Lighting available in the area and restrooms	3.33	1.41	3.18	1.45	2.27		3.24	1.45	3.24	1.46	-0.06	3.15	1.47	3.13	1.46	0.30
Hot showers available	2.43	1.45	2.90	1.51	-6.56**		2.83	1.48	2.85	1.57	-0.24	2.47	1.47	2.76	1.51	-3.44*
Electrical hookups	2.22	1.44	2.29	1.45	-1.08		2.33	1.50	2.35	1.50	-0.25	2.19	1.41	2.23	1.45	-0.47
RV sewage dump stations	2.17	1.48	2.53	1.56	-4.58**		2.59	1.55	2.54	1.62	0.61	2.37	1.52	2.41	1.55	-0.50
Laundry facilities nearby	1.72	1.11	1.77	1.09	-0.87		1.91	1.15	1.82	1.19	1.48	1.52	0.99	1.75	1.10	-3.95**
Recreation equipment rentals	1.87	1.20	1.76	1.09	1.95		1.87	1.17	1.93	1.22	-0.96	1.69	1.05	1.78	1.12	-1.40
Telephones available	2.73	1.37	2.71	1.37	0.46		2.77	1.40	2.69	1.41	1.14	2.59	1.36	2.68	1.38	-1.10
Picnic tables available	3.42	1.29	3.48	1.23	-1.08		3.46	1.23	3.49	1.27	-0.50	3.60	1.26	3.39	1.26	3.14*
Fire rings available	2.94	1.45	3.59	1.28	-9.81**		3.44	1.32	3.52	1.35	-1.22	3.56	1.33	3.37	1.36	2.56
Cooking grills available	2.82	1.45	2.82	1.41	-0.02		2.79	1.42	2.93	1.42	-2.00	3.02	1.41	2.72	1.42	3.84**
Playground/sports fields	2.14	1.31	2.01	1.23	2.00		1.99	1.23	2.08	1.28	-1.39	2.16	1.28	1.97	1.23	2.53
Well-maintained trails	3.45	1.18	3.28	1.21	2.90*		2.98	1.30	3.03	1.26	-0.68	3.26	1.21	3.36	1.21	-1.28

Note: Importance measured on a scale of 1 “not important” to 5 “extremely important.”

<sup>a</sup>Item sample size for day visitors ranges from N=493 to N=715. <sup>b</sup>Item sample size for overnight visitors ranges from N=1370 to N=1873. <sup>c</sup>Item sample size for weekday visitors ranges from N=721 to N=955. <sup>d</sup>Item sample size for weekend/holiday visitors ranges from N=636 to N=799. <sup>e</sup>Item sample size for local visitors ranges from N=342 to N=437. <sup>f</sup>Item sample size for non-local visitors ranges from N=1573 to N=1944.

\*p&lt;0.01. \*\*p&lt;0.001.

Technical Appendix Table 14

Mean scores, standard deviations, and t-values of developed setting attribute performance for distance traveled, length of stay, and day of visit

	Local <sup>a</sup>			Non-local <sup>b</sup>			Day <sup>c</sup>			Overnight <sup>d</sup>			Weekday <sup>e</sup>			Weekend/Holiday <sup>f</sup>		
	mean	s.d.	mean	s.d.	t	mean	s.d.	mean	s.d.	t	mean	s.d.	mean	s.d.	t	mean	s.d.	t
An uncrowded and quiet setting	4.02	0.82	3.99	0.82	0.78	3.98	0.82	3.86	0.88	2.87*	3.86	0.87	4.03	0.81	-3.55**			
Adequate parking spaces	4.03	0.82	4.05	0.71	-0.51	4.04	0.75	3.89	0.84	3.94**	3.92	0.80	4.06	0.73	-3.18*			
Nearby stores for food and supplies	3.53	0.96	3.59	0.93	-1.12	3.63	0.89	3.56	0.96	1.37	3.39	1.04	3.63	0.92	-3.43*			
Clean, well-maintained facilities available	3.86	0.95	3.89	0.86	-0.56	3.92	0.85	3.78	0.98	3.07*	3.80	0.91	3.90	0.89	-1.86			
Cabin, or campsite reservations available	3.77	0.92	3.67	1.00	1.42	3.73	0.99	3.52	1.08	2.75*	3.55	1.00	3.73	0.99	-2.14			
Educational programs	3.62	0.98	3.35	1.01	3.88**	3.48	0.99	3.36	1.09	1.43	3.28	0.96	3.43	1.03	-1.68			
Group shelters available	3.52	1.02	3.52	0.94	0.00	3.54	0.98	3.41	1.08	1.48	3.38	1.03	3.52	0.98	-1.44			
Gravel or paved camping access	3.90	0.83	4.01	0.76	-2.54	4.03	0.70	3.93	0.85	2.39	3.94	0.81	4.00	0.78	-1.29			
Availability of firewood	3.62	1.09	3.66	1.10	-0.56	3.59	1.10	3.50	1.12	1.36	3.51	1.10	3.69	1.10	-2.41			
Flush toilets available	3.77	1.13	3.93	1.04	-2.85*	3.92	1.02	3.81	1.12	1.79	3.71	1.19	3.90	1.06	-2.49			
Drinking water available	3.79	1.06	4.06	0.92	-5.45**	4.05	0.90	3.92	1.03	2.59	3.72	1.11	4.05	0.92	-5.30**			
Lighting available in the area and restrooms	3.79	1.07	3.80	1.06	-0.29	3.83	1.04	3.72	1.12	1.82	3.49	1.18	3.85	1.03	-4.40**			
Hot showers available	3.10	1.37	3.34	1.42	-2.17	3.33	1.35	3.02	1.51	3.00*	2.99	1.47	3.36	1.41	-2.79*			
Electrical hookups	3.15	1.36	3.25	1.36	-0.76	3.36	1.34	3.11	1.45	2.11	2.90	1.32	2.28	1.38	-2.75*			
RV sewage dump stations	3.33	1.24	3.64	1.20	-2.46	3.55	1.26	3.38	1.35	1.52	3.13	1.31	3.62	1.24	-3.74**			
Laundry facilities nearby	3.11	1.26	3.10	1.24	0.03	3.24	1.22	3.10	1.26	1.21	3.02	1.27	3.24	1.23	-1.33			
Recreation equipment rentals	3.36	1.15	3.40	1.12	-0.39	3.51	1.08	3.31	1.19	1.94	3.28	1.08	3.48	1.12	-1.78			
Telephones available	3.65	1.04	3.55	1.12	1.57	3.60	1.09	3.50	1.13	1.51	3.47	1.17	3.57	1.11	-1.21			
Picnic tables available	4.00	0.84	4.19	0.73	-4.73**	4.17	0.71	4.11	0.83	1.67	4.08	0.76	4.15	0.76	-1.63			
Fire rings available	3.84	0.96	4.19	0.77	-5.94**	4.12	0.80	4.11	0.88	0.12	4.03	0.86	4.15	0.80	-2.21			
Cooking grills available	3.90	0.92	3.99	0.89	-1.62	3.98	0.88	3.98	0.96	-0.04	3.94	0.85	3.98	0.91	-0.64			
Playground/sports fields	3.48	1.11	3.54	1.09	-0.62	3.48	1.09	3.30	1.24	1.85	3.43	1.09	3.52	1.12	-0.92			
Well-maintained trails	3.95	0.84	3.90	0.88	1.11	3.85	0.84	3.82	0.88	0.46	3.75	0.90	3.94	0.86	-2.93*			

Note: Performance measured on a scale of 1 “terrible” to 5 “delighted.”

<sup>a</sup>Item sample size for local visitors ranges from N=65 to N=417. <sup>b</sup>Item sample size for non-local visitors ranges from N=468 to N=1885. <sup>c</sup>Item sample size for day visitors ranges from N=103 to N=680. <sup>d</sup>Item sample size for overnight visitors ranges from N=475 to N=1821. <sup>e</sup>Item sample size for weekday visitors ranges from N=261 to N=924. <sup>f</sup>Item sample size for weekend/holiday visitors ranges from N=194 to N=792.

\*p&lt;0.01. \*\*p&lt;0.001.

Technical Appendix Table 15

Mean scores, standard deviations, and t-values of developed setting attribute importance for region of origin

	Pacific <sup>1</sup>		Rockies <sup>2</sup>		South <sup>3</sup>		North <sup>4</sup>		F
	mean	s.d.	mean	s.d.	mean	s.d.	mean	s.d.	
An uncrowded and quiet setting	3.95	1.01	3.84	1.01	3.78	1.02	3.87	1.05	3.33
Adequate parking space	3.44 <sup>a</sup>	1.06	3.57 <sup>b</sup>	1.01	3.65 <sup>c</sup>	0.98	3.54 <sup>b</sup>	1.04	4.94*
Nearby stores for food and supplies	2.37 <sup>b</sup>	1.23	2.28 <sup>a</sup>	1.18	2.90 <sup>c</sup>	1.23	2.71 <sup>c</sup>	1.21	35.52**
Clean, well-maintained facilities available	3.76 <sup>a</sup>	1.08	3.80 <sup>b</sup>	1.03	4.13 <sup>c</sup>	0.89	4.06 <sup>c</sup>	0.96	21.82**
Cabin, or campsite reservations available	2.67	1.46	2.55	1.42	2.73	1.40	2.72	1.40	1.76
Educational programs	2.18 <sup>b</sup>	1.15	1.87 <sup>a</sup>	1.04	2.27 <sup>b</sup>	1.18	2.20 <sup>b</sup>	1.16	13.88**
Group shelters available	1.72 <sup>a</sup>	1.07	1.83 <sup>b</sup>	1.07	2.23 <sup>d</sup>	1.22	2.06 <sup>c</sup>	1.16	22.38**
Gravel or paved camping access	2.63 <sup>a</sup>	1.34	2.93 <sup>b</sup>	1.29	3.26 <sup>c</sup>	1.27	2.99 <sup>b</sup>	1.35	24.14**
Firewood available	2.45 <sup>a</sup>	1.30	2.89 <sup>b</sup>	1.31	2.95 <sup>b</sup>	1.25	3.15 <sup>c</sup>	1.41	31.99**
Flush toilets available	2.69 <sup>a</sup>	1.49	2.61 <sup>a</sup>	1.45	3.75 <sup>c</sup>	1.27	3.33 <sup>b</sup>	1.45	91.72**
Drinking water available	3.73 <sup>a</sup>	1.21	3.80 <sup>a</sup>	1.20	4.20 <sup>b</sup>	1.00	4.18 <sup>b</sup>	1.01	30.85**
Lighting available in the area and restrooms	2.86 <sup>a</sup>	1.47	2.75 <sup>a</sup>	1.44	3.73 <sup>c</sup>	1.29	3.45 <sup>b</sup>	1.40	69.19**
Hot showers available	2.36 <sup>a</sup>	1.41	2.27 <sup>a</sup>	1.37	3.35 <sup>b</sup>	1.44	3.19 <sup>b</sup>	1.49	96.06**
Electrical hookups	1.81 <sup>a</sup>	1.22	1.90 <sup>a</sup>	1.23	2.81 <sup>c</sup>	1.57	2.51 <sup>b</sup>	1.51	70.88**
RV sewage dump stations	2.11 <sup>a</sup>	1.45	2.37 <sup>b</sup>	1.50	2.69 <sup>c</sup>	1.61	2.51 <sup>b,c</sup>	1.57	13.81**
Laundry facilities nearby	1.55 <sup>a</sup>	0.94	1.51 <sup>a</sup>	0.94	2.04 <sup>b</sup>	1.26	1.90 <sup>b</sup>	1.14	32.22**
Recreation equipment rentals	1.53 <sup>a</sup>	0.93	1.54 <sup>a</sup>	0.90	2.06 <sup>b</sup>	1.29	2.04 <sup>b</sup>	1.23	42.36**
Telephones nearby	2.48 <sup>a</sup>	1.29	2.40 <sup>a</sup>	1.35	2.96 <sup>b</sup>	1.40	2.99 <sup>b</sup>	1.38	31.06**
Picnic tables nearby	3.15 <sup>a</sup>	1.27	3.38 <sup>b</sup>	1.26	3.68 <sup>c</sup>	1.20	3.60 <sup>c</sup>	1.23	24.34**
Fire rings available	3.15 <sup>a</sup>	1.38	3.49 <sup>b</sup>	1.31	3.42 <sup>b</sup>	1.34	3.65 <sup>b</sup>	1.34	15.38**
Cooking grills available	2.48 <sup>a</sup>	1.37	2.83 <sup>b</sup>	1.40	3.11 <sup>c</sup>	1.41	2.81 <sup>b</sup>	1.45	22.45**
Playground/sports fields	1.62 <sup>a</sup>	1.01	1.81 <sup>b</sup>	1.12	2.36 <sup>c</sup>	1.33	2.40 <sup>c</sup>	1.35	62.30**
Well-maintained trails	3.33 <sup>a,b</sup>	1.19	3.12 <sup>a</sup>	1.21	3.49 <sup>b</sup>	1.19	3.53 <sup>b</sup>	1.15	11.01*

Note: Importance measured on a scale of 1 “not important” to 5 “extremely important.”

<sup>a</sup>Item sample size for visitors from the Pacific region ranges from N=601 to N=785. <sup>b</sup>Item sample size for visitors from the Rockies region ranges from N=523 to N=698. <sup>c</sup>Item sample size for visitors from the South region ranges from N=446 to N=608. <sup>d</sup>Item sample size for visitors from the North region ranges from N=320 to N=539.

\*p&lt;0.01. \*\*p&lt;0.001

Technical Appendix Table 16

Mean scores, standard deviations, and t-values of developed setting attribute performance for region of origin

	Pacific <sup>1</sup>		Rockies <sup>2</sup>		South <sup>3</sup>		North <sup>4</sup>		F
	mean	s.d.	mean	s.d.	mean	s.d.	mean	s.d.	
An uncrowded and quiet setting	4.09 <sup>c</sup>	0.79	3.84 <sup>a</sup>	0.86	3.97 <sup>a</sup>	0.89	4.13 <sup>c</sup>	0.71	16.21**
Adequate parking space	4.14 <sup>c</sup>	0.67	3.91 <sup>a</sup>	0.82	4.03 <sup>b</sup>	0.76	4.09 <sup>b,c</sup>	0.70	12.16**
Nearby stores for food and supplies	3.76 <sup>c</sup>	0.88	3.56 <sup>b</sup>	0.92	3.36 <sup>a</sup>	1.05	3.62 <sup>b</sup>	0.90	14.70**
Clean, well-maintained facilities available	3.98 <sup>b</sup>	0.83	3.80 <sup>a</sup>	0.89	3.81 <sup>a</sup>	0.98	3.94 <sup>b</sup>	0.84	6.85**
Cabin, or campsite reservations available	3.80	1.00	3.58	1.02	3.70	0.94	3.68	0.98	2.39
Educational programs	3.40	1.06	3.28	1.01	3.42	1.01	3.57	0.99	2.91
Group shelters available	3.55	0.98	3.33	1.04	3.54	0.97	3.61	0.92	2.79
Gravel or paved camping access	4.01	0.76	3.91	0.84	3.96	0.77	4.09	0.72	4.08
Firewood available	3.67 <sup>b</sup>	1.06	3.48 <sup>a</sup>	1.13	3.57 <sup>a,b</sup>	1.10	3.90 <sup>c</sup>	1.06	11.10**
Flush toilets available	3.93 <sup>b</sup>	1.02	3.52 <sup>a</sup>	1.24	3.94 <sup>b</sup>	1.04	4.04 <sup>c</sup>	0.95	18.18**
Drinking water available	4.03 <sup>b</sup>	0.92	3.84 <sup>a</sup>	1.07	3.95 <sup>b</sup>	1.01	4.14 <sup>c</sup>	0.80	10.01**
Lighting available in the area and restrooms	3.90 <sup>b,c</sup>	1.00	3.54 <sup>a</sup>	1.17	3.78 <sup>b</sup>	1.12	3.96 <sup>c</sup>	0.89	12.11**
Hot showers available	3.26 <sup>b</sup>	1.42	2.88 <sup>a</sup>	1.45	3.45 <sup>c</sup>	1.36	3.45 <sup>c</sup>	1.39	8.14**
Electrical hookups	3.49 <sup>b</sup>	1.31	2.83 <sup>a</sup>	1.40	3.30 <sup>b</sup>	1.36	3.25 <sup>b</sup>	1.34	6.95**
RV sewage dump stations	3.54 <sup>b</sup>	1.27	3.12 <sup>a</sup>	1.37	3.63 <sup>b</sup>	1.17	3.98 <sup>c</sup>	0.94	16.64**
Laundry facilities nearby	3.44 <sup>b</sup>	1.13	2.95 <sup>a</sup>	1.27	3.14 <sup>a</sup>	1.32	3.01 <sup>a</sup>	1.20	4.74*
Recreation equipment rentals	3.53 <sup>b,c</sup>	1.09	3.20 <sup>a</sup>	1.16	3.30 <sup>a,b</sup>	1.27	3.69 <sup>c</sup>	0.94	6.77**
Telephones nearby	3.80 <sup>c</sup>	0.95	3.46 <sup>a,b</sup>	1.14	3.32 <sup>a</sup>	1.24	3.55 <sup>b</sup>	1.11	14.28**
Picnic tables nearby	4.13	0.77	4.07	0.84	4.17	0.77	4.21	0.63	3.63
Fire rings available	4.16	0.81	4.11	0.84	4.07	0.86	4.18	0.71	1.56
Cooking grills available	3.97	0.87	3.98	0.87	3.97	0.96	3.96	0.87	0.05
Playground/sports fields	3.43 <sup>a,b</sup>	1.12	3.28 <sup>a</sup>	1.10	3.54 <sup>b,c</sup>	1.12	3.69 <sup>c</sup>	1.05	5.42*
Well-maintained trails	3.72	0.86	3.84	0.88	4.12	0.88	3.94	0.86	3.53

Note: Performance measured on a scale of 1 “terrible” to 5 “delighted.”

<sup>1</sup>Item sample size for visitors from the Pacific region range from N=174 to N=762. <sup>2</sup>Item sample size for visitors from the Rockies region ranges from N=110 to N=671. <sup>3</sup>Item sample size for visitors from the South region ranges from N=173 to N=582. <sup>4</sup>Item sample size for visitors from the North region ranges from N=139 to N=519.

\*p&lt;0.01. \*\*p&lt;0.001.

Technical Appendix Table 17

Mean scores, standard deviations, and t-values of water setting attribute importance for gender, education and disability

	Males <sup>a</sup>			Females <sup>b</sup>			<16 yrs. ed. <sup>c</sup>			15+ yrs. ed. <sup>d</sup>			With <sup>e</sup>			Without a disability <sup>f</sup>		
	mean	s.d.	mean	s.d.	t	mean	s.d.	mean	s.d.	t	mean	s.d.	mean	s.d.	t	mean	s.d.	t
Open, hazard-free water	3.93	1.14	4.23	0.95	-6.38**	4.04	1.05	4.05	1.13	-0.15	3.81	1.27	4.06	1.09	-0.97			
Challenging rapids	1.85	1.31	1.82	1.23	0.37	1.75	1.19	1.93	1.38	-2.11	1.73	1.16	1.78	1.26	-0.14			
Uncrowded conditions	3.74	1.05	3.81	1.01	1.08	3.68	1.05	3.92	1.00	-4.99**	3.72	1.10	3.81	1.03	-0.42			
Adequate and secure parking	3.79	0.99	3.92	0.95	1.09	3.85	0.98	3.80	0.99	1.27	3.68	1.16	3.87	0.98	-0.87			
Boat ramps/launching facilities	3.71	1.33	3.72	1.35	1.04	3.80	1.29	3.60	1.37	2.91*	3.68	1.39	3.72	1.34	-0.13			
Take-out/beaching spots	3.20	1.32	3.49	1.32	-4.38**	3.31	1.32	3.31	1.33	-0.06	3.14	1.39	3.31	1.34	-0.59			
Fuel and supplies at area	3.01	1.38	3.22	1.38	-3.17*	3.17	1.36	3.29	1.42	2.93*	2.82	1.30	3.16	1.39	-1.24			
Water-skiing in the area	2.70	1.64	2.93	1.60	-2.72*	2.89	1.60	2.64	1.67	2.87*	2.15	1.46	2.77	1.64	-1.52			
Fishing opportunities	3.80	1.36	3.38	1.40	6.30**	3.81	1.30	3.39	1.47	6.10**	4.11	1.07	3.63	1.38	2.34			
Boat-in camping opportunities	2.92	1.47	3.02	1.44	-1.23	3.05	1.46	2.82	1.44	3.15*	3.24	1.41	2.96	1.47	0.90			
Safe drinking water	3.99	1.20	4.24	10.5	-4.96**	4.14	1.11	3.96	1.23	3.29*	3.70	1.51	4.13	1.14	-1.47			
Information on conditions and hazards	3.92	1.13	4.21	0.94	-6.26**	4.08	1.05	3.92	1.11	3.15*	3.70	1.14	4.06	1.07	-1.60			
Adequate access roads	3.78	1.01	3.94	0.96	-3.45*	3.89	0.97	3.74	1.02	3.05*	3.72	1.00	3.85	1.00	-0.67			
Restrooms at the area	3.72	1.13	4.00	1.07	-5.52**	3.92	1.07	3.62	1.19	5.61**	3.62	1.27	3.86	1.12	-0.97			
Shower facilities	2.73	1.44	2.93	1.46	-2.89*	2.90	1.48	2.62	1.40	3.96**	2.67	1.32	2.84	1.47	-0.60			
Fish-cleaning stations	2.35	1.35	2.21	1.27	2.04	2.47	1.36	2.01	1.20	7.06**	3.18	1.47	2.28	1.32	2.87*			
Mechanic services nearby	2.24	1.17	2.47	1.20	-3.95**	2.38	1.19	2.23	1.18	2.60*	2.05	0.95	2.41	1.21	-1.75			
Docking facilities	2.93	1.44	3.13	1.45	-2.68*	3.13	1.41	2.82	1.48	4.30**	3.10	1.55	3.07	1.45	0.08			
Equipment rental nearby	2.08	1.22	2.29	1.28	-3.40*	2.17	1.26	2.14	1.22	0.52	2.05	1.40	2.18	1.25	-0.42			
Commercial outfitters and guide services	1.61	0.98	1.84	1.11	-3.39*	1.70	1.03	1.67	1.05	0.46	1.47	0.87	1.71	1.03	-1.13			
Designated swimming area and beach	2.80	1.45	3.30	1.47	-6.11**	3.13	1.46	2.75	1.47	4.59**	2.93	1.58	3.00	1.49	-0.15			
Stable water levels	3.59	1.31	3.74	1.27	-2.24	3.75	1.25	3.47	1.35	3.99**	3.63	1.35	3.72	1.28	-0.36			
Clean, unpolluted water	4.58	1.30	4.65	0.72	-1.75	4.59	0.74	4.63	0.77	-1.02	4.44	0.89	4.64	0.72	-1.11			
Fishing piers	2.04	1.30	2.18	1.32	-1.77	2.26	1.37	1.82	1.15	5.87**	2.88	1.26	2.06	1.27	2.56			

Note: Importance measured on a scale of 1 “not important” to 5 “extremely important.”

<sup>a</sup>Item sample size for males ranges from N=689 to N=1325. <sup>b</sup>Item sample size for females ranges from N=387 to N=741. <sup>c</sup>Item sample size for visitors with 4+ years of college education ranges from N=709 to N=1343. <sup>d</sup>Item sample size for visitors with less than 4 years of college education ranges from N=366 to N=709. <sup>e</sup>Item sample size for visitors with a disability ranges from N=13 to N=29. <sup>f</sup>Item sample size for visitors without a disability ranges from N=712 to N=1472.

\*p&lt;0.01. \*\*p&lt;0.001.

Technical Appendix Table 18

Mean scores, standard deviations, and t-values of water setting attribute performance for gender, education and disability

	Males <sup>a</sup>			Females <sup>b</sup>			<16 yrs. ed. <sup>c</sup>		15+ yrs. ed. <sup>d</sup>		With/ <sup>e</sup>		Without a disability <sup>f</sup>		
	mean	s.d.	mean	s.d.	t	mean	s.d.	mean	s.d.	t	mean	s.d.	mean	s.d.	t
Open, hazard-free water	3.88	0.88	3.91	0.90	-0.54	3.88	0.89	3.91	0.87	-0.79	4.00	0.80	3.87	0.90	0.82
Challenging rapids	3.62	1.07	3.63	1.09	-0.10	3.54	1.13	3.67	0.99	-1.01	3.80	0.84	3.64	1.10	0.43
Uncrowded conditions	3.61	0.97	3.67	0.94	-1.26	3.61	0.98	3.65	0.91	-0.81	3.43	1.20	3.65	0.95	-0.95
Adequate and secure parking	3.65	0.94	3.74	0.89	-2.08	3.67	0.96	3.69	0.85	-0.53	3.88	0.83	3.67	0.94	1.27
Boat ramps/launching facilities	3.58	1.04	3.64	1.02	-1.14	3.57	1.07	3.65	0.97	-1.56	3.89	1.08	3.58	1.05	1.21
Take-out/beaching spots	3.36	1.04	3.57	.098	-3.62*	3.40	1.03	3.48	1.00	-1.39	4.00	1.00	3.42	1.03	2.24
Fuel and supplies	3.50	0.95	3.52	1.05	-0.35	3.45	1.04	3.61	0.89	-2.89*	3.06	1.21	3.58	0.93	-1.82
Water-skiing in the area	3.94	0.90	3.93	0.91	0.24	3.93	0.89	3.96	0.91	-0.38	3.00	1.41	3.96	0.89	-1.51
Fishing opportunities	4.00	0.90	3.89	0.96	2.29	3.97	0.95	3.96	0.87	0.11	4.41	0.75	3.97	0.90	2.97*
Boat-in camping opportunities	3.48	1.05	3.57	1.04	-1.23	3.52	1.03	3.49	1.10	0.41	3.58	1.38	3.54	1.06	0.12
Safe drinking water	3.67	1.11	3.80	1.04	-2.43	3.71	1.10	3.71	1.06	-0.03	3.70	0.92	3.71	1.08	-0.06
Information on conditions and hazards	3.26	1.05	3.45	1.05	-3.55**	3.34	1.07	3.30	1.04	0.88	3.62	1.02	3.30	1.08	1.43
Adequate access roads	3.72	0.91	3.81	0.85	-2.24	3.74	0.91	3.77	0.86	-0.69	3.74	0.81	3.75	0.89	-0.07
Restrooms at the area	3.44	1.10	3.56	1.09	-2.32	3.49	1.11	3.47	1.08	0.39	3.63	1.01	3.48	1.10	0.72
Shower facilities	2.94	1.31	3.07	1.33	-1.47	2.96	1.35	3.01	1.27	-0.58	2.31	1.49	3.06	1.30	-1.80
Fish-cleaning stations	2.74	1.31	2.84	1.28	-0.92	2.77	1.30	2.76	1.28	0.09	2.58	1.31	2.75	1.29	-0.43
Mechanic services nearby	3.09	1.07	3.18	1.08	-1.06	3.09	1.09	3.21	1.03	-1.42	2.33	0.87	3.14	1.05	-2.76
Docking facilities	3.33	1.09	3.50	1.06	-2.64*	3.35	1.10	3.46	1.04	-1.63	3.38	1.33	3.41	1.07	-0.07
Equipment rental nearby	3.41	1.03	3.57	1.08	-2.01	3.39	1.11	3.63	0.92	-3.20*	3.67	0.82	3.51	1.00	0.45
Commercial outfitters and guide services	3.37	1.11	3.49	1.15	-1.14	3.33	1.16	3.53	1.06	-1.86	3.25	0.96	3.40	1.08	-0.32
Designated swimming area and beach	3.49	1.12	3.72	1.03	-3.31*	3.58	1.13	3.59	1.01	-0.14	3.67	1.23	3.54	1.12	0.40
Stable water levels	3.19	1.25	3.41	1.20	-3.17*	3.25	0.75	3.29	0.76	-0.50	3.50	0.89	3.14	1.30	1.76
Clean, unpolluted water	3.77	0.98	3.82	0.92	-1.00	3.77	0.97	3.82	0.93	-0.96	3.96	0.61	3.78	0.96	1.46
Fishing piers	3.05	1.23	3.23	1.16	-1.51	3.06	1.23	3.28	1.11	-1.88	2.78	1.30	3.16	1.18	-0.86

Note: Performance measured on a scale of 1 "terrible" to 5 "delighted."

<sup>a</sup>Item sample size for visitors with 4+ years of college education ranges from N=199 to N=1575. <sup>b</sup>Item sample size for visitors with less than 4 years of college education ranges from N=114 to N=814. <sup>c</sup>Item sample size for visitors with disabilities ranges from N=4 to N=28. <sup>d</sup>Item sample size for visitors without disabilities ranges from N=228 to N=1418.

\*p<0.01. \*\*p<0.001.

Technical Appendix Table 19

Mean scores, standard deviations, and t-values of water setting attribute importance for previous visitation, race, and employment

	First-time <sup>a</sup>			Return <sup>b</sup>			Non-white <sup>c</sup>			White <sup>d</sup>			Employed <sup>e</sup>			Unemployed <sup>f</sup>		
	mean	s.d.	mean	s.d.	t	mean	s.d.	mean	s.d.	t	mean	s.d.	mean	s.d.	t	mean	s.d.	t
Open, hazard-free water	3.99	1.05	4.06	1.08	-0.92	3.81	1.18	4.04	1.08	-1.07	4.04	1.11	4.00	1.04	0.87			
Challenging rapids	1.91	1.25	1.83	1.28	0.73	1.97	1.20	1.83	1.28	0.62	1.92	1.34	1.71	1.17	2.61*			
Uncrowded conditions	3.92	0.95	3.74	1.05	2.89*	3.66	1.08	3.77	1.04	-0.72	3.81	1.04	3.68	1.03	2.65*			
Adequate and secure parking	3.71	1.01	3.86	0.97	-2.30	3.84	1.16	3.83	0.97	0.03	3.85	0.99	3.79	0.96	1.33			
Boat ramps/launching facilities	3.52	1.34	3.78	1.30	-2.65*	3.68	1.35	3.71	1.34	-0.17	3.75	1.35	3.67	1.29	1.15			
Take-out/beaching spots	3.21	1.31	3.33	1.33	-1.32	3.39	1.32	3.30	1.33	0.42	3.36	1.34	3.19	1.33	2.48			
Fuel and supplies at area	3.02	1.35	3.11	1.38	-1.03	2.91	1.40	3.09	1.38	-0.86	3.13	1.38	3.03	1.37	1.47			
Water-skiing in the area	2.58	1.58	2.86	1.63	-2.23	2.81	1.65	2.78	1.63	0.12	2.86	1.65	2.67	1.59	2.11			
Fishing opportunities	3.49	1.34	3.69	1.37	-2.17	3.73	1.34	3.65	1.39	0.40	3.64	1.41	3.72	1.31	-1.17			
Boat-in camping opportunities	2.75	1.38	2.98	1.45	-2.20	2.56	1.40	2.96	1.46	-1.72	2.95	1.47	2.98	1.46	-0.33			
Safe drinking water	4.16	1.04	4.06	1.18	1.43	4.04	1.13	4.09	1.15	-0.34	4.07	1.17	4.09	1.14	-0.38			
Information on conditions and hazards	4.00	0.98	4.02	1.09	-0.30	4.00	1.08	4.02	1.07	-0.15	4.03	1.08	3.99	1.06	0.78			
Adequate access roads	3.76	0.98	3.85	0.99	-1.41	3.84	1.07	3.84	0.99	0.00	3.84	1.00	3.83	0.98	0.11			
Restrooms at the area	3.72	1.09	3.83	1.13	-1.51	3.88	1.23	3.82	1.11	0.36	3.79	1.13	3.86	1.09	-1.23			
Shower facilities	2.66	1.39	2.81	1.45	-1.55	2.96	1.37	2.80	1.45	0.80	2.82	1.45	2.76	1.48	0.78			
Fish-cleaning stations	2.30	1.28	2.31	1.34	-0.15	2.52	1.47	2.29	1.32	1.04	2.23	1.29	2.46	1.40	-3.04*			
Mechanic services nearby	2.24	1.04	2.34	1.21	-1.29	2.32	1.22	2.32	1.19	-0.01	2.33	1.19	2.37	1.22	-0.65			
Docking facilities	2.89	1.36	3.05	1.45	-1.55	2.55	1.41	3.02	1.45	-2.19	3.01	1.45	3.04	1.46	-0.32			
Equipment rental nearby	2.37	1.29	2.11	1.22	2.92*	2.52	1.37	2.14	1.24	1.89	2.17	1.24	2.11	1.24	0.86			
Commercial outfitters and guide services	2.02	1.23	1.62	0.97	4.43**	2.13	1.26	1.68	1.03	2.21	1.71	1.06	1.63	0.99	1.16			
Designated swimming area and beach	2.85	1.46	3.01	1.48	-1.52	3.35	1.41	2.97	1.48	1.84	2.98	1.49	3.01	1.42	-0.27			
Stable water levels	3.34	1.30	3.70	1.29	-4.02**	3.78	1.26	3.64	1.30	0.73	3.67	1.30	3.60	1.28	1.00			
Clean, unpolluted water	4.52	0.85	4.62	0.73	-1.87	4.49	0.87	4.60	0.75	-0.94	4.66	0.71	4.46	0.83	4.41**			
Fishing piers	2.20	1.37	2.07	1.29	1.27	2.56	1.48	2.08	1.30	2.05	2.06	1.28	2.20	1.37	-1.60			

Note: Importance measured on a scale of 1 “not important” to 5 “extremely important.”

<sup>a</sup>Item sample size for first time visitors ranges from N=152 to N=294. <sup>b</sup>Item sample size for return visitors ranges from N=868 to N=1696. <sup>c</sup>Item sample size for non-white visitors ranges from N=32 to N=57. <sup>d</sup>Item sample size for white visitors ranges from N=1048 to N=2024. <sup>e</sup>Item sample size for employed visitors ranges from N=729 to N=1339. <sup>f</sup>Item sample size for not-employed visitors ranges from N=286 to N=597.

\*p&lt;0.01. \*\*p&lt;0.001.

Technical Appendix Table 20

Mean scores, standard deviations, and t-values of water setting attribute performance for previous visitation, race, and employment

	First-time <sup>a</sup>			Return <sup>b</sup>			Non-white <sup>c</sup>			White <sup>d</sup>			Employed <sup>e</sup>			Unemployed <sup>f</sup>		
	mean	s.d.	mean	s.d.	t	mean	s.d.	mean	s.d.	t	mean	s.d.	mean	s.d.	t	mean	s.d.	t
Open, hazard-free water	4.06	0.80	3.85	0.90	3.95**	3.94	0.84	3.89	0.89	0.41	3.87	0.91	3.93	0.84	-1.41			
Challenging rapids	3.55	1.07	3.61	1.09	-0.42	3.44	0.78	3.63	1.09	-0.97	3.64	1.09	3.59	1.04	0.44			
Uncrowded conditions	3.89	0.88	3.57	0.97	5.66**	3.74	0.84	3.63	0.96	0.93	3.61	0.96	3.69	0.93	-1.67			
Adequate and secure parking	3.85	0.76	3.63	0.95	4.28**	3.61	0.81	3.68	0.93	-0.56	3.63	0.95	3.77	0.87	-3.20*			
Boat ramps/launching facilities	3.67	0.95	3.57	1.04	1.32	3.67	0.99	3.60	1.03	0.42	3.53	1.05	3.71	1.02	-3.02*			
Take-out/beaching spots	3.60	0.92	3.38	1.03	2.74*	3.34	1.06	3.44	1.02	-0.51	3.39	1.03	3.51	1.02	-1.89			
Fuel and supplies at area	3.66	0.89	3.49	0.99	2.31	3.49	0.95	3.51	0.99	-0.13	3.54	0.94	3.43	1.08	1.82			
Water-skiing in the area	3.87	0.99	3.95	0.89	-0.84	3.78	1.01	3.94	0.90	-0.83	3.96	0.90	3.93	0.90	0.44			
Fishing opportunities	3.88	0.92	3.97	0.93	-1.26	3.64	0.98	3.98	0.92	-2.17	3.95	0.92	4.01	0.91	-1.28			
Boat-in camping opportunities	3.55	1.06	3.50	1.05	0.43	3.48	0.79	3.52	1.06	-0.22	3.47	1.04	3.57	1.06	-1.36			
Safe drinking water	3.87	0.98	3.68	1.10	2.73*	3.67	0.97	3.71	1.09	-0.34	3.68	1.10	3.80	1.03	-2.08			
Information on conditions and hazards	3.59	1.00	3.30	1.06	3.99**	3.53	0.83	3.32	1.06	1.73	3.28	1.06	3.43	1.02	-2.70*			
Adequate access roads	3.82	0.83	3.74	0.90	1.60	3.63	0.92	3.76	0.89	-1.01	3.72	0.92	3.85	0.79	-3.26*			
Restrooms at the area	3.62	0.96	3.45	1.11	2.53	3.37	1.02	3.49	1.10	-0.79	3.43	1.10	3.62	1.06	-3.60**			
Shower facilities	2.96	1.32	2.97	1.31	-0.21	2.97	1.18	2.99	1.32	-0.10	2.97	1.29	3.03	1.41	-0.65			
Fish-cleaning stations	3.03	1.20	2.72	1.31	2.04	2.94	1.35	2.77	1.30	0.52	2.71	1.29	2.90	1.33	-1.64			
Mechanic services nearby	3.39	0.95	3.10	1.07	2.46	3.23	1.07	3.12	1.07	0.46	3.13	1.05	3.13	1.10	-0.10			
Docking facilities	3.65	0.92	3.36	1.09	3.52*	3.37	1.01	3.39	1.08	-0.09	3.37	1.09	3.44	1.06	-0.95			
Equipment rental nearby	3.65	1.03	3.43	1.06	1.96	3.11	1.10	3.48	1.05	-1.77	3.51	1.02	3.39	1.12	1.30			
Commercial outfitters and guide services	3.72	1.01	3.33	1.13	2.91*	3.28	1.07	3.42	1.13	-0.55	3.46	1.11	3.33	1.16	1.10			
Designated swimming area and beach	3.71	1.00	3.55	1.11	1.73	3.63	1.07	3.58	1.09	0.34	3.54	1.09	3.70	1.08	-1.99			
Stable water levels	3.56	1.09	3.22	1.26	4.15**	3.59	1.00	3.25	1.25	2.20	3.20	1.26	3.38	1.21	-2.41			
Clean, unpolluted water	3.98	0.78	3.75	0.99	4.11**	3.70	1.05	3.79	0.95	-0.66	3.77	0.98	3.87	0.89	-1.86			
Fishing piers	3.76	1.23	3.11	1.19	1.03	2.96	1.30	3.13	1.20	-0.62	3.03	1.20	3.32	1.22	-2.34			

Note: Performance measured on a scale of 1 “terrible” to 5 “delighted.”

<sup>a</sup>Item sample size for first time visitors ranges from N=55 to N=284. <sup>b</sup>Item sample size for return visitors ranges from N=250 to N=1652. <sup>c</sup>Item sample size for non-white visitors ranges from N=17 to N=54. <sup>d</sup>Item sample size for white visitors ranges from N=309 to N=1977. <sup>e</sup>Item sample size for employed visitors ranges from N=211 to N=1304. <sup>f</sup>Item sample size for not-employed visitors ranges from N=92 to N=585.

\*p&lt;0.01. \*\*p&lt;0.001.

Technical Appendix Table 21

Mean scores, standard deviations, and t-values of water setting attribute importance for distance traveled, length of stay, and day of visit

	Local <sup>a</sup>			Non-local <sup>b</sup>			Day <sup>c</sup>			Overnight <sup>d</sup>			Weekday <sup>e</sup>			Weekend/Holiday <sup>f</sup>		
	mean	s.d.	mean	s.d.	t	mean	s.d.	mean	s.d.	t	mean	s.d.	mean	s.d.	t	mean	s.d.	t
Open, hazard-free water	4.02	1.09	4.04	1.09	-0.26	4.00	1.13	4.05	1.06	-1.08	4.03	1.05	4.04	1.11	-0.19			
Challenging rapids	1.67	1.14	1.91	1.33	-2.72*	1.80	1.26	1.86	1.30	-0.68	1.89	1.24	1.78	1.23	1.08			
Uncrowded conditions	3.60	1.08	3.82	1.02	-3.89**	3.67	1.09	3.82	1.01	-2.94*	3.76	1.04	3.74	1.11	0.46			
Adequate and secure parking	3.88	0.99	3.80	0.98	1.43	3.87	0.97	3.82	0.98	1.08	3.77	1.01	3.78	1.03	-0.22			
Boat ramps/launching facilities	3.72	1.34	3.75	1.30	-0.40	3.65	1.39	3.14	1.31	-1.42	3.68	1.37	3.77	1.30	-1.10			
Take-out/beaching spots	3.27	1.36	3.33	1.30	-0.84	3.18	1.36	3.38	1.30	-2.94*	3.26	1.33	3.32	1.33	-0.71			
Fuel and supplies at area	2.95	1.41	3.13	1.36	-2.38	2.77	1.38	3.24	1.35	-6.96**	2.99	1.40	3.08	1.37	-1.11			
Water-skiing in the area	2.88	1.63	2.80	1.64	0.79	2.61	1.62	2.87	1.63	-2.99*	2.91	1.64	3.02	1.62	-1.08			
Fishing opportunities	3.78	1.29	3.61	1.41	2.36	3.61	1.43	3.65	1.36	-0.59	3.73	1.38	3.60	1.34	1.70			
Boat-in camping opportunities	3.09	1.41	2.90	1.46	2.26	2.88	1.44	2.99	1.45	-1.46	2.93	1.45	2.99	1.40	-0.68			
Safe drinking water	3.98	1.22	4.09	1.15	-1.72	3.98	1.20	4.14	1.12	-2.86*	4.04	1.13	3.88	1.27	2.24			
Information on conditions and hazards	3.99	1.13	4.02	1.07	-0.64	3.97	1.08	4.06	1.07	-1.78	3.98	1.04	3.92	1.18	1.01			
Adequate access roads	3.92	0.97	3.80	1.01	2.29	3.89	0.95	3.81	1.02	1.75	3.81	1.01	3.72	1.09	1.61			
Restrooms at the area	3.86	1.10	3.77	1.13	1.63	3.91	1.06	3.79	1.13	2.32	3.69	1.12	3.61	1.22	1.17			
Shower facilities	2.52	1.42	2.82	1.43	-3.78**	2.53	1.44	2.95	1.44	-5.72**	2.54	1.41	2.53	1.40	0.06			
Fish-cleaning stations	2.30	1.34	2.30	1.33	0.01	2.22	1.32	2.33	1.33	-1.60	2.26	1.31	2.18	1.30	0.93			
Mechanic services nearby	2.17	1.19	2.35	1.18	-2.74*	2.16	1.18	2.40	1.18	-3.89**	2.19	1.13	2.17	1.17	0.35			
Docking facilities	3.08	1.45	2.98	1.44	1.18	2.83	1.47	3.08	1.43	-3.43*	2.93	1.44	2.96	1.47	-0.36			
Equipment rental nearby	2.06	1.20	2.16	1.24	-1.33	2.13	1.25	2.16	1.24	-0.45	2.09	1.20	2.03	1.20	0.82			
Commercial outfitters and guide services	1.56	0.89	1.71	1.06	-2.30	1.65	1.00	1.72	1.05	-0.92	1.65	1.00	1.63	1.03	0.30			
Designated swimming area and beach	3.27	1.49	2.87	1.46	4.31**	3.12	1.48	2.93	1.47	2.30	2.89	1.46	2.79	1.50	1.11			
Stable water levels	3.84	1.25	3.61	1.28	3.10*	3.69	1.29	3.63	1.29	0.64	3.64	1.30	3.57	1.38	0.92			
Clean, unpolluted water	4.61	0.73	4.60	0.75	0.37	4.56	0.82	4.61	0.72	-1.20	4.56	0.81	4.60	0.73	-0.92			
Fishing piers	2.37	1.35	1.98	1.28	4.48**	2.33	1.39	1.98	1.25	4.16**	2.16	1.36	1.96	1.24	2.30			

Note: Importance measured on a scale of 1 “not important” to 5 “extremely important.”

<sup>a</sup>Item sample size for local visitors ranges from N=246 to N=513. <sup>b</sup>Item sample size for non-local visitors ranges from N=697 to N=1337. <sup>c</sup>Item sample size for day visitors ranges from N=125 to N=675. <sup>d</sup>Item sample size for overnight visitors ranges from N=302 to N=723. <sup>e</sup>Item sample size for weekday visitors ranges from N=246 to N=590.

\*p<0.01. \*\*p<0.001.

Technical Appendix Table 22

Mean scores, standard deviations, and t-values of water setting attribute performance for distance traveled, length of stay, and day of visit

	Local <sup>a</sup>			Non-local <sup>b</sup>			Day <sup>c</sup>			Overnight <sup>d</sup>			Weekday <sup>e</sup>			Weekend/Holiday <sup>f</sup>		
	mean	s.d.	mean	s.d.	t	mean	s.d.	mean	s.d.	t	mean	s.d.	mean	s.d.	t	mean	s.d.	t
Open, hazard-free water	3.75	0.98	3.90	0.86	-3.01*	3.90	0.91	3.88	0.88	0.32	3.88	0.94	3.90	0.89	-0.34			
Challenging rapids	3.27	1.16	3.76	1.03	-3.32*	3.50	1.14	3.72	1.02	-1.81	3.53	1.06	3.38	1.20	0.85			
Uncrowded conditions	3.41	1.02	3.68	0.92	-5.23**	3.54	1.01	3.68	0.93	-3.05*	3.69	0.97	3.63	0.95	1.17			
Adequate and secure parking	3.51	1.04	3.70	0.87	-3.75**	3.65	0.99	3.69	0.89	-0.86	3.72	0.88	3.55	0.99	3.13*			
Boat ramps/launching facilities	3.42	1.12	3.65	0.99	-3.55**	3.58	1.06	3.60	1.02	-0.48	3.61	1.01	3.51	1.08	1.46			
Take-out/beaching spots	3.32	1.06	3.45	1.01	-1.96	3.48	0.99	3.42	1.04	1.03	3.45	1.00	3.38	1.09	0.86			
Fuel and supplies at area	3.33	0.99	3.60	0.95	-4.06**	3.41	0.98	3.54	0.99	-2.31	3.57	0.89	3.36	1.09	3.01*			
Water-skiing in the area	3.76	0.97	4.01	0.88	-3.68**	3.77	1.02	4.01	0.83	-3.70**	4.01	0.90	3.91	0.88	1.28			
Fishing opportunities	3.85	0.98	4.00	0.89	-2.52	3.98	0.96	3.96	0.91	0.34	3.93	0.96	4.00	0.89	-1.23			
Boat-in camping opportunities	3.32	1.13	3.58	1.02	-3.27*	3.39	1.03	3.56	1.05	-2.43	3.46	1.06	3.41	1.08	0.61			
Safe drinking water	3.38	1.25	3.82	1.00	-6.42**	3.45	1.24	3.83	0.99	-6.28**	3.76	1.05	3.63	1.12	2.00			
Information on conditions and hazards	3.04	1.12	3.40	1.02	-5.72**	3.24	1.06	3.37	1.06	-2.32	3.40	1.05	3.17	1.11	3.44*			
Adequate access roads	3.60	0.96	3.81	0.86	-4.26**	3.75	0.87	3.76	0.90	-0.16	3.78	0.87	3.63	0.96	3.00*			
Restrooms at the area	3.22	1.17	3.53	1.06	-5.10**	3.35	1.16	3.55	1.06	-3.75**	3.55	1.03	3.33	1.15	3.41*			
Shower facilities	2.77	1.35	2.96	1.31	-1.77	2.92	1.33	3.01	1.32	-1.01	2.92	1.33	2.72	1.34	1.85			
Fish-cleaning stations	2.48	1.30	2.88	1.29	-3.24*	2.53	1.27	2.85	1.30	-2.86*	2.87	1.30	2.67	1.32	1.46			
Mechanic services nearby	2.93	1.23	3.20	1.00	-2.57	2.93	1.14	3.18	1.04	-2.74*	3.26	0.99	3.01	1.14	2.39			
Docking facilities	3.23	1.13	3.47	1.04	-3.11*	3.31	1.14	3.41	1.06	-1.42	3.49	1.07	3.34	1.09	1.94			
Equipment rental nearby	3.07	1.15	3.61	0.98	-5.59**	3.14	1.18	3.59	0.97	-5.08**	3.56	1.05	3.22	1.17	3.24*			
Commercial outfitters and guide services	3.18	1.25	3.48	1.08	-2.11	3.30	1.24	3.46	1.06	-1.33	3.55	1.08	3.22	1.26	2.15			
Designated swimming area and beach	3.52	1.14	3.60	1.08	-0.95	3.67	1.05	3.54	1.11	1.82	3.57	1.11	3.48	1.18	1.04			
Stable water levels	3.08	1.31	3.32	1.21	-3.16*	3.30	0.84	3.26	0.73	0.63	3.23	0.71	3.09	0.83	1.90			
Clean, unpolluted water	3.56	1.05	3.88	0.89	-5.55**	3.73	0.98	3.83	0.94	-1.86	3.83	0.96	3.72	1.00	1.97			
Fishing piers	3.97	1.30	3.18	1.14	-1.72	3.01	1.31	3.16	1.15	-1.17	3.21	1.19	2.96	1.28	1.98			

Note: Importance measured on a scale of 1 “terrible” to 5 “delighted.”

<sup>a</sup>Item response sample size for local visitors ranges from N=81 to N=499. <sup>b</sup>Item response sample size for non-local visitors ranges from N=206 to N=1316. <sup>c</sup>Item response sample size for day visitors ranges from N=125 to N=675. <sup>d</sup>Item response sample size for overnight visitors ranges from N=198 to N=1313. <sup>e</sup>Item response sample size for weekday visitors ranges from N=113 to N=719. <sup>f</sup>Item response sample size for weekend/holiday visitors ranges from N=66 to N=582.

\*p&lt;0.01. \*\*p&lt;0.001.

Technical Appendix Table 23

Mean scores, standard deviations, and t-values of water setting attribute importance for region of origin

	Pacific <sup>1</sup>		Rockies <sup>2</sup>		South <sup>3</sup>		North <sup>4</sup>		F
	mean	s.d.	mean	s.d.	mean	s.d.	mean	s.d.	
Open, hazard-free water	4.08	1.07	4.05	1.05	3.95	1.18	4.07	0.99	1.37
Challenging rapids	1.64 <sup>a</sup>	1.09	1.71 <sup>a</sup>	1.21	2.25 <sup>b</sup>	1.49	1.67 <sup>a</sup>	1.16	16.03**
Uncrowded conditions	3.78	1.04	3.72	1.04	3.79	1.05	3.76	0.99	0.47
Adequate and secure parking	3.80 <sup>a</sup>	1.02	3.72 <sup>a</sup>	0.99	4.00 <sup>b</sup>	0.88	3.81 <sup>a</sup>	0.94	6.50**
Boat ramps/launching facilities	3.79	1.28	3.59	1.44	3.65	1.36	3.77	1.27	2.37
Take-out/beaching spots	3.31	1.32	3.33	1.36	3.31	1.36	3.30	1.27	0.03
Fuel and supplies at area	3.22 <sup>b</sup>	1.37	2.83 <sup>a</sup>	1.43	3.07 <sup>a,b</sup>	1.36	3.04 <sup>a,b</sup>	1.36	6.17**
Water-skiing opportunities	3.04 <sup>c</sup>	1.63	3.03 <sup>a</sup>	1.65	2.51 <sup>b</sup>	1.57	2.25 <sup>a</sup>	1.51	20.85**
Fishing opportunities	3.69 <sup>b</sup>	1.34	3.36 <sup>a</sup>	1.39	3.57 <sup>b</sup>	1.48	4.02 <sup>c</sup>	1.26	12.67**
Boat-in camping opportunities	2.90	1.42	2.91	1.50	3.01	1.44	3.14	1.51	2.04
Safe drinking water	4.03 <sup>a</sup>	1.20	3.95 <sup>a</sup>	1.22	4.12 <sup>a</sup>	1.09	4.33 <sup>b</sup>	0.99	7.52**
Information on conditions and hazards	4.03	1.07	3.91	1.15	4.06	1.04	4.08	1.04	1.92
Adequate access roads	3.78	1.05	3.81	0.96	3.95	0.92	3.88	0.91	3.20
Restrooms at the area	3.68 <sup>a</sup>	1.17	3.75 <sup>a</sup>	1.14	3.98 <sup>b</sup>	1.02	4.04 <sup>b</sup>	1.00	12.54**
Shower facilities	2.51 <sup>a</sup>	1.37	2.47 <sup>a</sup>	1.37	3.24 <sup>a</sup>	1.45	3.29 <sup>b</sup>	1.45	43.48**
Fish-cleaning stations	2.26 <sup>a</sup>	1.31	2.23 <sup>a</sup>	1.37	2.18 <sup>a</sup>	1.30	2.68 <sup>b</sup>	1.32	9.16**
Mechanic services nearby	2.35 <sup>b</sup>	1.18	2.11 <sup>a</sup>	1.16	2.38 <sup>b</sup>	1.19	2.40 <sup>b</sup>	1.21	4.17*
Docking facilities	3.05	1.41	2.87	1.52	2.93	1.47	3.18	1.41	2.99
Equipment rental nearby	2.14 <sup>b</sup>	1.21	1.94 <sup>a</sup>	1.24	2.25 <sup>b</sup>	1.25	2.22 <sup>b</sup>	1.30	3.89*
Commercial outfitters and guide services	1.65 <sup>b</sup>	0.97	1.46 <sup>a</sup>	0.88	1.79 <sup>b</sup>	1.11	2.05 <sup>c</sup>	1.25	8.63**
Designated swimming area and beach	2.87 <sup>a</sup>	1.50	3.04 <sup>a,b</sup>	1.43	3.17 <sup>b</sup>	1.42	3.22 <sup>b</sup>	1.46	3.98*
Stable water levels	3.65	1.33	3.51	1.30	3.82	1.13	3.77	1.22	3.05
Clean, unpolluted water	4.61	0.74	4.49	0.85	4.66	0.63	4.69	0.71	3.34
Fishing piers	1.99 <sup>a</sup>	1.26	2.01 <sup>a</sup>	1.31	2.45 <sup>b</sup>	1.36	2.24 <sup>a,b</sup>	1.40	7.44**

Note: Importance measured on a scale of 1 “not important” to 5 “extremely important.”

<sup>1</sup>Item sample size for visitors from the Pacific region ranges from N=391 to N=898. <sup>2</sup>Item sample size for visitors from the Rockies region ranges from N=179 to N=358. <sup>3</sup>Item sample size for visitors from the South region ranges from N=231 to N=467. <sup>4</sup>Item sample size for visitors from the North region ranges from N=130 to N=315.

\*p<0.01. \*\*p<0.001.

Technical Appendix Table 24

Mean scores, standard deviations, and t-values of water setting attribute performance for region of origin

	Pacific <sup>1</sup>		Rockies <sup>2</sup>		South <sup>3</sup>		North <sup>4</sup>		F
	mean	s.d.	mean	s.d.	mean	s.d.	mean	s.d.	
Open, hazard-free water	3.84	0.95	3.86	0.86	3.94	0.84	3.98	0.80	2.63
Challenging rapids	3.35 <sup>a</sup>	1.13	3.29 <sup>a</sup>	1.07	4.00 <sup>b</sup>	0.88	3.66 <sup>a,b</sup>	1.10	9.30**
Uncrowded conditions	3.65 <sup>a</sup>	0.98	3.51 <sup>a</sup>	0.97	3.54 <sup>a</sup>	0.96	3.86 <sup>b</sup>	0.83	8.93**
Adequate and secure parking	3.60 <sup>a</sup>	0.96	3.62 <sup>a</sup>	0.87	3.70 <sup>a</sup>	0.97	3.95 <sup>b</sup>	0.74	10.90**
Boat ramps/launching facilities	3.53	1.05	3.73	0.92	3.68	1.05	3.55	1.08	3.00
Take-out/beaching spots	3.33 <sup>a</sup>	1.04	3.57 <sup>b</sup>	1.01	3.47 <sup>a,b</sup>	1.00	3.51 <sup>a,b</sup>	1.00	4.23*
Fuel and supplies at area	3.69 <sup>c</sup>	0.85	3.22 <sup>a</sup>	1.14	3.34 <sup>a,b</sup>	1.04	3.45 <sup>b</sup>	1.03	16.63**
Water-skiing opportunities	4.04 <sup>c</sup>	0.86	3.92 <sup>b,c</sup>	0.82	3.86 <sup>b</sup>	0.90	3.69 <sup>a</sup>	1.15	5.63**
Fishing opportunities	3.95 <sup>b</sup>	0.93	3.78 <sup>a</sup>	0.97	4.01 <sup>abc</sup>	0.90	4.13 <sup>c</sup>	0.85	6.60**
Boat-in camping opportunities	3.44 <sup>a</sup>	1.07	3.40 <sup>a</sup>	1.01	3.60 <sup>a,b</sup>	1.00	3.73 <sup>b</sup>	1.04	4.34*
Safe drinking water	3.73 <sup>b</sup>	1.01	3.50 <sup>a</sup>	1.26	3.61 <sup>a,b</sup>	1.17	4.02 <sup>c</sup>	0.89	12.67**
Information on conditions and hazards	3.30	1.05	3.20	1.11	3.36	1.07	3.48	1.02	3.53
Adequate access roads	3.68 <sup>a</sup>	0.90	3.68 <sup>a</sup>	0.97	3.84 <sup>b</sup>	0.86	3.95 <sup>b</sup>	0.77	9.16**
Restrooms at the area	3.50 <sup>b</sup>	1.01	3.30 <sup>a</sup>	1.24	3.40 <sup>a,b</sup>	1.17	3.79 <sup>c</sup>	0.96	12.19**
Shower facilities	2.79 <sup>b</sup>	1.28	2.41 <sup>a</sup>	1.45	3.15 <sup>c</sup>	1.30	3.48 <sup>d</sup>	1.13	24.23**
Fish-cleaning stations	2.86	1.29	2.88	1.45	2.62	1.24	2.63	1.27	1.67
Mechanic services nearby	3.27 <sup>b</sup>	0.99	3.06 <sup>a,b</sup>	1.12	2.86 <sup>a</sup>	1.13	2.99 <sup>a,b</sup>	1.15	5.94**
Docking facilities	3.50	1.02	3.27	1.12	3.35	1.12	3.26	1.12	3.61
Equipment rental nearby	3.62 <sup>c</sup>	0.93	3.04 <sup>a</sup>	1.20	3.29 <sup>a,b</sup>	1.12	3.45 <sup>b</sup>	1.14	9.33**
Commercial outfitters and guide services	3.47	1.06	3.20	1.17	3.44	1.13	3.40	1.28	0.94
Designated swimming area and beach	3.40 <sup>a</sup>	1.17	3.66 <sup>b</sup>	1.02	3.83 <sup>b</sup>	0.88	3.78 <sup>b</sup>	1.07	9.55**
Stable water levels	3.05 <sup>a</sup>	1.30	3.22 <sup>a</sup>	1.17	3.71 <sup>b</sup>	0.94	3.66 <sup>b</sup>	1.21	23.31**
Clean, unpolluted water	3.78 <sup>b</sup>	0.94	3.63 <sup>a</sup>	1.03	3.87 <sup>b</sup>	0.91	4.06 <sup>c</sup>	0.87	7.81**
Fishing piers	3.18	1.15	2.94	1.31	3.17	1.23	2.98	1.26	0.98

Note: Importance measured on a scale of 1 “terrible” to 5 “delighted.”

<sup>1</sup>Item sample size for visitors from the Pacific region ranges from N=109 to N=886. <sup>2</sup>Item sample size for visitors from the Rockies region ranges from N=48 to N=354. <sup>3</sup>Item sample size for visitors from the South region ranges from N=114 to N=441. <sup>4</sup>Item sample size for visitors from the North region ranges from N=50 to N=308.

\*p<0.01. \*\*p<0.001.

Technical Appendix Table 25

Mean scores, standard deviations, and t-values of dispersed setting attribute importance for gender, education and disability

	Males <sup>a</sup>			Females <sup>b</sup>			<16 yrs. ed. <sup>c</sup>				15+ yrs. ed. <sup>d</sup>				With/ <sup>e</sup>		Without a disability <sup>f</sup>	
	mean	s.d.	mean	s.d.	t	mean	s.d.	mean	s.d.	t	mean	s.d.	mean	s.d.	t	mean	s.d.	t
An undisturbed natural setting	3.92	1.14	4.04	1.03	-2.70*	3.81	1.15	4.15	1.01	-7.53**	4.05	0.84	3.93	1.13	0.62			
Physically challenging environment	3.00	1.35	2.76	1.29	4.13**	2.85	1.34	2.98	1.31	-2.42	2.81	1.29	2.81	1.32	-0.00			
Adequate and secure parking	3.22	1.19	3.44	1.14	-4.19**	3.37	1.20	3.25	1.15	2.37	3.41	1.14	3.29	1.21	0.50			
Absence of motorized vehicles	3.53	1.48	3.66	1.41	-1.92	3.32	1.52	3.86	1.33	-8.76**	3.56	1.42	3.47	1.49	0.24			
Safe drinking water	3.32	1.41	3.76	1.31	-7.51**	3.59	1.40	3.37	1.37	3.68**	3.48	1.08	3.61	1.35	-0.57			
Rarely see or hear others	2.92	1.36	2.95	1.39	-0.53	2.75	1.41	3.13	1.29	-6.51**	3.00	1.18	2.98	1.37	0.06			
Designated campsites	2.49	1.29	2.79	1.41	-4.67**	2.69	1.37	2.51	1.30	2.93*	2.75	1.21	2.67	1.34	0.31			
Motorized access	2.48	1.38	2.58	1.38	-1.55	2.81	1.41	2.19	1.27	10.62**	2.64	1.47	2.53	1.40	0.34			
Directional signs	2.77	1.28	3.18	1.29	-7.10**	2.95	1.33	2.92	1.25	0.44	2.73	1.28	2.94	1.30	-0.79			
Presence and evidence of wildlife	3.87	1.18	3.87	1.19	0.17	3.80	1.25	3.95	1.10	-2.92*	4.09	1.11	3.94	1.18	0.63			
Information and access to historic sites	2.73	1.29	2.94	1.29	-3.60**	2.74	1.29	2.92	1.28	-3.07*	2.94	1.39	2.89	1.30	0.14			
Well-maintained trails	2.94	1.29	3.45	1.19	-9.36**	3.05	1.32	3.23	1.22	-3.38**	3.15	1.27	3.11	1.30	0.12			
Information on conditions and hazards	3.24	1.26	3.67	1.14	-8.16**	3.39	1.28	3.41	1.18	-0.39	3.23	1.34	3.43	1.25	-0.70			
Commercial outfitters and guide services available	1.50	0.95	1.74	1.06	-4.95**	1.65	1.08	1.54	0.92	2.37	1.82	1.13	1.56	0.98	0.94			
Connecting or loop trails	2.58	1.24	2.90	1.25	-5.70**	2.65	1.31	2.76	1.18	-2.02	2.60	1.50	2.70	1.25	-0.28			
Primitive toilet facilities	2.54	1.26	2.97	1.34	-6.71**	2.80	1.34	2.61	1.28	2.90*	2.82	1.47	2.77	1.32	0.16			
Separation of motorized and nonmotorized uses	3.65	1.40	3.85	1.29	-2.97*	3.47	1.45	3.97	1.22	-7.73**	3.71	1.15	3.68	1.37	0.14			

**Note:** Importance measured on a scale of 1 “not important” to 5 “extremely important.”

<sup>a</sup>Item sample size for males ranges from N=1028 to N=1479. <sup>b</sup>Item sample size for females ranges from N=635 to N=851. <sup>c</sup>Item sample size for visitors with less than 16 years of education ranges from N=809 to N=1200. <sup>d</sup>Item sample size for visitors with 16 years or more of education ranges from N=849 to N=1076. <sup>e</sup>Item sample size for visitors with a disability ranges from N=17 to N=22. <sup>f</sup>Item sample size for visitors without a disability ranges from N=948 to N=1531.

\*p&lt;0.01. \*\*p&lt;0.001.

Technical Appendix Table 26

Mean scores, standard deviations, and t-values of dispersed setting attribute performance for gender, education and disability

	Males <sup>a</sup>			Females <sup>b</sup>			<16 yrs. ed. <sup>c</sup>				15+ yrs. ed. <sup>d</sup>				With/ <sup>e</sup>		Without a disability <sup>f</sup>		
	mean	s.d.	mean	s.d.	t	mean	s.d.	mean	s.d.	t	mean	s.d.	mean	s.d.	t	mean	s.d.	mean	s.d.
An undisturbed natural setting	4.10	0.75	4.29	0.72	-5.98**	4.12	0.75	4.22	0.74	-3.18**	3.78	0.74	4.22	0.75	-2.80*				
Physically challenging environment	4.11	0.67	4.06	0.65	1.43	4.05	0.68	4.14	0.64	-2.94**	3.70	0.66	4.05	0.67	-2.37*				
Adequate and secure parking	3.83	0.78	3.82	0.86	0.14	3.80	0.84	3.85	0.76	-1.47	3.81	0.68	3.84	0.78	-0.23				
Absence of motorized vehicles	3.83	0.99	3.96	0.96	-2.84*	3.86	0.95	3.91	0.99	-1.07	3.78	0.94	3.82	1.02	-0.17				
Safe drinking water	3.59	1.13	3.80	1.12	-3.83**	3.63	1.16	3.72	1.08	-1.69	3.18	1.07	3.75	1.09	-2.20*				
Rarely see or hear others	3.66	0.86	3.74	0.86	-2.12	3.66	0.87	3.71	0.84	-1.46	3.30	0.80	3.77	0.84	-2.59*				
Designated campsites	3.82	0.84	3.98	0.80	-3.58**	3.85	0.86	3.91	0.80	-1.29	3.64	0.84	3.93	0.79	-1.28				
Motorized access	3.79	0.86	3.89	0.81	-2.37	3.85	0.84	3.79	0.85	1.38	3.64	1.00	3.82	0.85	-0.88				
Directional signs	3.59	0.93	3.67	0.99	-1.87	3.62	0.95	3.63	0.96	-0.22	3.47	0.96	3.66	0.93	-0.82				
Presence and evidence of wildlife	3.97	0.89	4.07	0.84	-2.80*	4.00	0.90	4.02	0.84	-0.39	3.62	1.20	4.09	0.86	-1.77				
Information and access to historic sites	3.53	0.99	3.67	1.00	-2.57	3.54	1.00	3.64	0.99	-1.89	3.14	1.17	3.64	0.99	-1.60				
Well-maintained trails	3.86	0.85	3.97	0.86	-2.81*	3.83	0.89	3.98	0.81	-3.84**	3.47	1.12	3.91	0.87	-1.67				
Information on conditions and hazards	3.51	0.95	3.63	1.00	-2.37	3.53	1.01	3.60	0.90	-1.41	3.10	1.17	3.60	0.98	-1.92				
Commercial outfitters and guide services available	3.44	1.15	3.53	1.11	-0.95	3.49	1.15	3.47	1.13	0.28	3.00	1.10	3.50	1.11	-1.10				
Connecting or loop trails	3.75	0.84	3.82	0.86	-1.55	3.75	0.88	3.83	0.81	-1.89	3.07	1.14	3.81	0.86	-2.41*				
Primitive toilet facilities	3.55	1.06	3.60	1.13	-0.67	3.46	1.15	3.68	1.01	-3.52**	2.75	1.29	3.69	1.05	-2.89*				
Separation of motorized and non motorized uses	3.77	0.99	3.91	0.95	-2.57	3.82	0.98	3.81	0.97	0.13	3.22	1.00	3.77	1.00	-2.28*				

Note: Performance measured on a scale of 1 "terrible" to 5 "delighted."<sup>a</sup>Item sample size for males ranges from N=337 to N=1396. <sup>b</sup>Item sample size for females ranges from N=221 to N=824. <sup>c</sup>Item sample size for visitors with less than 16 years of education ranges from N=302 to N=1120. <sup>d</sup>Item sample size for visitors with 16 years or more of education ranges from N=247 to N=1046.<sup>e</sup>Item sample size for visitors with disabilities ranges from N=6 to N=23. <sup>f</sup>Item sample sizes for visitors without disabilities ranges from N=335 to N=1452.

\*p&lt;0.01. \*\*p&lt;0.001.

Technical Appendix Table 27

Mean scores, standard deviations, and t-values of dispersed setting attribute importance for previous visitation, race, and employment

	First-time <sup>a</sup>					Return <sup>b</sup>					Non-white <sup>c</sup>					White <sup>d</sup>					Employed <sup>e</sup>			Unemployed <sup>f</sup>		
	mean	s.d.	mean	s.d.	t	mean	s.d.	mean	s.d.	t	mean	s.d.	mean	s.d.	t	mean	s.d.	mean	s.d.	t	mean	s.d.	mean	s.d.	t	
An undisturbed natural setting	4.04	1.01	3.95	1.23	1.78	4.13	1.10	3.96	1.10	1.18	4.00	1.10	3.82	1.10	3.43*											
Physically challenging environment	2.75	1.34	2.98	1.33	-3.73**	3.00	1.35	2.92	1.33	0.47	2.98	1.32	2.69	1.33	4.49**											
Adequate and secure parking	3.40	1.12	3.26	1.21	2.50	2.98	1.25	3.31	1.18	-1.96	3.24	1.19	3.42	1.13	-3.22*											
Absence of motorized vehicles	3.68	1.35	3.55	1.49	1.89	3.82	1.44	3.57	1.46	1.28	3.62	1.47	3.45	1.44	2.43											
Safe drinking water	3.69	1.32	3.39	1.41	4.66**	3.69	1.37	3.48	1.39	1.17	3.41	1.40	3.68	1.35	-4.09**											
Rarely see or hear others	2.92	1.33	2.94	1.38	-0.26	2.85	1.30	2.94	1.37	-0.47	3.01	1.36	2.75	1.37	3.86**											
Designated campsites	2.65	1.28	2.58	1.37	0.99	2.27	1.27	2.61	1.34	-1.85	2.57	1.33	2.68	1.35	-1.57											
Motorized access	2.31	1.27	2.59	1.41	-4.28**	2.38	1.31	2.52	1.38	-0.74	2.46	1.38	2.68	1.38	-3.11*											
Directional signs	3.25	1.21	2.78	1.31	7.93**	2.85	1.33	2.93	1.29	-0.43	2.86	1.29	3.13	1.28	-4.25**											
Presence and evidence of wildlife	3.93	1.12	3.84	1.21	1.66	4.09	1.21	3.87	1.18	1.35	3.93	1.17	3.73	1.24	3.38*											
Information and access to historic sites	3.09	1.28	2.71	1.28	6.27**	2.88	1.29	2.81	1.29	0.40	2.82	1.29	2.90	1.29	-1.32											
Well-maintained trails	3.31	1.20	3.05	1.31	4.46**	3.07	1.29	3.13	1.28	-0.34	3.11	1.28	3.26	1.25	-2.46											
Information on conditions and hazards	3.65	1.10	3.28	1.28	6.94**	3.22	1.24	3.40	1.24	-1.07	3.39	1.24	3.47	1.21	-1.39											
Commercial outfitters and guide services available	1.62	0.97	1.58	1.01	0.83	1.83	1.09	1.58	1.00	1.54	1.57	0.98	1.67	1.07	-1.75											
Connecting or loop trails	2.81	1.17	2.64	1.28	2.87*	2.61	1.26	2.70	1.25	-0.55	2.72	1.24	2.71	1.26	0.10											
Primitive toilet facilities	2.80	1.26	2.64	1.34	2.41	2.74	1.43	2.70	1.31	0.16	2.65	1.30	2.88	1.30	-3.04*											
Separation of motorized and non motorized uses	3.77	1.27	3.70	1.41	1.01	3.76	1.43	3.73	1.36	0.13	3.77	1.35	3.63	1.39	1.85											

Note: Importance measured on a scale of 1 "not important" to 5 "extremely important."

<sup>a</sup>Item sample size for first time visitors ranges from N=232 to N=332. <sup>b</sup>Item sample size for return visitors ranges from N=915 to N=1320. <sup>c</sup>Item sample size for non-white visitors ranges from N=41 to N=60. <sup>d</sup>Item sample size for white visitors ranges from N=1637 to N=2273. <sup>e</sup>Item sample size for employed visitors ranges from N=1278 to N=1524. <sup>f</sup>Item sample size for not-employed visitors ranges from N=524 to N=613.

\*p&lt;0.01. \*\*p&lt;0.001.

Technical Appendix Table 28

Mean scores, standard deviations, and t-values of dispersed setting attribute performance for previous visitation, race, and employment

	First-time <sup>a</sup>			Return <sup>b</sup>			Non-white <sup>c</sup>			White <sup>d</sup>			Employed <sup>e</sup>			Unemployed <sup>f</sup>		
	mean	s.d.	mean	s.d.	t	mean	s.d.	mean	s.d.	t	mean	s.d.	mean	s.d.	t	mean	s.d.	t
An undisturbed natural setting	4.25	0.73	4.12	0.75	3.84**	4.24	0.78	4.17	0.75	0.68	4.19	0.73	4.17	0.75	0.49			
Physically challenging environment	4.04	0.65	4.11	0.67	-2.20	4.06	0.59	4.09	0.66	-0.34	4.10	0.66	4.05	0.65	1.38			
Adequate and secure parking	3.85	0.81	3.81	0.82	1.06	3.88	0.74	3.82	0.81	0.56	3.81	0.83	3.87	0.75	-1.58			
Absence of motorized vehicles	3.96	0.94	3.84	0.98	2.34	3.70	1.05	3.88	0.98	-1.26	3.89	0.99	3.86	0.97	0.59			
Safe drinking water	3.78	1.07	3.64	1.14	2.41	3.66	1.28	3.67	1.26	-0.04	3.67	1.09	3.72	1.18	-0.85			
Rarely see or hear others	3.70	0.84	3.67	0.86	0.61	3.74	0.92	3.68	0.86	0.43	3.70	0.85	3.70	0.85	0.06			
Designated campsites	3.91	0.79	3.86	0.84	1.06	3.72	0.92	3.88	0.83	-1.09	3.89	0.80	3.93	0.85	-0.96			
Motorized access	3.83	0.82	3.81	0.85	0.49	3.73	0.87	3.82	0.84	-0.65	3.80	0.85	3.90	0.80	-2.14			
Directional signs	3.62	0.92	3.64	0.95	-0.36	3.46	1.15	3.63	0.95	-1.01	3.63	0.95	3.65	0.95	-0.46			
Presence and evidence of wildlife	4.04	0.85	4.00	0.88	0.93	3.92	1.01	4.01	0.87	-0.62	4.01	0.88	4.03	0.87	-0.53			
Information and access to historic sites	3.69	0.93	3.55	1.01	2.72*	3.25	1.30	3.59	0.99	-1.57	3.58	1.01	3.64	0.97	-1.04			
Well-maintained trails	4.00	0.84	3.87	0.86	3.01*	3.88	1.16	3.90	0.85	-0.11	3.92	0.85	3.93	0.84	-0.41			
Information on conditions and hazards	3.69	0.90	3.52	0.97	3.54**	3.54	1.19	3.56	0.96	-0.07	3.54	0.97	3.65	0.93	-2.12			
Commercial outfitters and guide services available	3.53	1.09	3.47	1.13	0.52	3.65	1.12	3.46	1.14	0.66	3.47	1.15	3.58	1.07	-1.08			
Connecting or loop trails	3.84	0.80	3.76	0.87	1.88	3.70	1.02	3.78	0.85	-0.44	3.80	0.84	3.78	0.82	0.38			
Primitive toilet facilities	3.70	0.97	3.49	1.14	3.49**	3.52	1.18	3.57	1.09	-0.25	3.58	1.06	3.66	1.05	-1.15			
Separation of motorized and non motorized uses	3.87	0.95	3.79	0.98	1.48	3.67	1.21	3.82	0.97	-0.69	3.82	0.97	3.83	0.99	-0.24			

Note: Performance measured on a scale of 1 "terrible" to 5 "delighted."

<sup>a</sup>Item sample size for first time visitors ranges from N=81 to N=316. <sup>b</sup>Item sample size for return visitors ranges from N=323 to N=1264. <sup>c</sup>Item sample size for non-white visitors ranges from N=17 to N=54. <sup>d</sup>Item sample size for white visitors ranges from N=542 to N=2169. <sup>e</sup>Item sample size for employed visitors ranges from N=352 to N=1442. <sup>f</sup>Item sample size for not-employed visitors ranges from N=157 to N=592.

\*p&lt;0.01. \*\*p&lt;0.001.

Technical Appendix Table 29

Mean scores, standard deviations, and t-values of dispersed setting attribute importance for distance traveled, length of stay, and day of visit

	Local <sup>a</sup>			Non-local <sup>b</sup>			Day <sup>c</sup>			Overnight <sup>d</sup>			Weekday <sup>e</sup>			Weekend/Holiday <sup>f</sup>		
	mean	s.d.	mean	s.d.	t	mean	s.d.	mean	s.d.	t	mean	s.d.	mean	s.d.	t	mean	s.d.	t
An undisturbed natural setting	3.99	1.08	3.95	1.11	0.64	3.97	1.08	4.06	1.05	-2.02	4.03	1.03	4.05	1.05	-0.37			
Physically challenging environment	2.99	1.33	2.94	1.34	0.58	2.83	1.33	2.99	1.32	-2.80*	2.99	1.34	3.08	1.37	-1.04			
Adequate and secure parking	3.35	1.18	3.27	1.19	1.12	3.36	1.12	3.28	1.20	1.47	3.25	1.17	3.27	1.19	-0.23			
Absence of motorized vehicles	3.60	1.45	3.57	1.47	0.29	3.63	1.39	3.58	1.48	0.86	3.68	1.41	3.71	1.40	-0.37			
Safe drinking water	3.26	1.47	3.46	1.38	-2.15	3.49	1.38	3.53	1.39	-0.71	3.29	1.39	3.14	1.46	1.73			
Rarely see or hear others	2.85	1.39	2.92	1.37	-0.91	2.81	1.36	3.01	1.37	-3.23*	2.95	1.35	2.88	1.37	0.91			
Designated campsites	2.35	1.32	2.63	1.35	-3.15*	2.48	1.31	2.64	1.35	-2.62*	2.45	1.31	2.40	1.34	0.66			
Motorized access	2.50	1.41	2.48	1.37	0.22	2.44	1.35	2.54	1.40	-1.48	2.50	1.31	2.54	1.36	-0.44			
Directional signs	2.67	1.32	2.94	1.30	-3.23*	3.05	1.28	2.86	1.29	3.26*	2.79	1.30	2.78	1.28	0.13			
Presence and evidence of wildlife	3.76	1.22	3.90	1.18	-1.80	3.73	1.23	3.96	1.15	-4.30**	3.84	1.20	3.82	1.14	0.22			
Information and access to historic sites	2.55	1.29	2.87	1.29	-3.81**	3.02	1.30	2.70	1.27	5.53**	2.59	1.19	2.69	1.30	-1.16			
Well-maintained trails	3.01	1.34	3.17	1.25	-1.93	3.29	1.25	3.02	1.29	4.72**	2.98	1.30	3.03	1.26	-0.68			
Information on conditions and hazards	3.20	1.30	3.45	1.21	-3.09*	3.48	1.23	3.33	1.24	2.71*	3.28	1.26	3.30	1.20	-0.31			
Commercial outfitters and guide services available	1.63	1.12	1.56	0.96	0.91	1.75	1.11	1.51	0.92	4.71**	1.51	0.96	1.58	1.01	-0.96			
Connecting or loop trails	2.71	1.31	2.67	1.23	0.40	2.91	1.25	2.58	1.24	5.69**	2.58	1.27	2.55	1.24	0.29			
Primitive toilet facilities	2.44	1.34	2.67	1.31	-2.32	2.85	1.28	2.59	1.32	4.04**	2.58	1.30	2.59	1.33	-0.18			
Separation of motorized and non motorized uses	3.76	1.40	3.72	1.34	0.40	3.75	1.31	3.73	1.39	0.30	3.63	1.41	3.72	1.39	-0.98			

**Note:** Importance measured on a scale of 1 "not important" to 5 "extremely important."

<sup>a</sup>Item sample size for local visitors ranges from N=232 to N=332. <sup>b</sup>Item sample size for non-local visitors ranges from N=915 to N=1320. <sup>c</sup>Item sample sizes for day visitors ranges from N=664 to N=837. <sup>d</sup>Item sample sizes for overnight visitors ranges from N=927 to N=1304. <sup>e</sup>Item sample size for weekday visitors ranges from N=435 to N=544. <sup>f</sup>Item sample size for weekend/holiday visitors ranges from N=444 to N=549.

\*p&lt;0.01. \*\*p&lt;0.001.

Technical Appendix Table 30

Mean scores, standard deviations, and t-values of dispersed setting attribute performance for distance traveled, length of stay, and day of visit

	Local <sup>a</sup>		Non-local <sup>b</sup>		Day <sup>c</sup> mean	s.d.	Overnight <sup>d</sup>		Weekday <sup>e</sup> mean	s.d.	Weekend/Holiday <sup>f</sup>						
	mean	s.d.	mean	s.d.			mean	s.d.			mean	s.d.					
An undisturbed natural setting	4.02	0.79	4.20	0.75	-3.66**		4.18	0.73	4.16	0.75	-0.60		4.07	0.76	4.08	0.76	-0.26
Physically challenging environment	4.09	0.60	4.11	0.67	-0.36		4.05	0.66	4.11	0.67	-1.79		4.10	0.68	4.19	0.65	-2.15
Adequate and secure parking	3.78	0.77	3.79	0.85	-0.23		3.74	0.84	3.89	0.79	-3.74**		3.82	0.80	3.77	0.87	0.94
Absence of motorized vehicles	3.78	0.94	3.85	1.01	-1.00		3.98	0.90	3.82	1.02	3.49**		3.87	0.91	3.93	0.91	-0.86
Safe drinking water	3.38	1.20	3.68	1.11	-3.38*		3.59	1.17	3.73	1.12	-2.30		3.54	1.15	3.44	1.20	1.13
Rarely see or hear others	3.56	0.85	3.68	0.87	-2.13		3.68	0.80	3.69	0.89	-0.14		3.60	0.81	3.47	0.94	2.38
Designated campsites	3.70	0.77	3.89	0.85	-2.88*		3.69	0.84	3.95	0.82	-5.03**		3.75	0.91	3.75	0.83	-0.08
Motorized access	3.71	0.85	3.84	0.87	-2.25		3.76	0.86	3.84	0.84	-1.92		3.78	0.83	3.81	0.83	-0.50
Directional signs	3.56	0.93	3.64	0.95	-1.28		3.60	0.98	3.65	0.94	-1.01		3.56	1.00	3.57	0.94	-0.31
Presence and evidence of wildlife	3.96	0.83	4.00	0.88	-0.74		3.95	0.85	4.05	0.88	-2.41		3.91	0.89	3.94	0.87	-0.47
Information and access to historic sites	3.29	1.04	3.67	0.95	-4.41**		3.59	1.02	3.60	0.97	-0.19		3.42	1.00	3.38	1.04	0.48
Well-maintained trails	3.76	0.85	3.95	0.86	-3.20*		3.97	0.85	3.88	0.86	2.05		3.85	0.84	3.82	0.88	0.46
Information on conditions and hazards	3.29	0.96	3.61	0.96	-4.69**		3.56	0.97	3.56	0.97	0.07		3.46	0.97	3.45	0.96	0.14
Commercial outfitters and guide services available	3.12	1.27	3.51	1.11	-2.52		3.38	1.15	3.54	1.13	-1.62		3.54	1.19	3.34	1.24	1.42
Connecting or loop trails	3.67	0.84	3.79	0.86	-1.90		3.81	0.82	3.76	0.87	0.97		3.66	0.91	3.66	0.87	0.11
Primitive toilet facilities	3.21	1.17	3.60	1.05	-3.75**		3.51	1.09	3.63	1.09	-1.81		3.48	1.08	3.32	1.17	1.91
Separation of motorized and nonmotorized uses	3.73	0.99	3.82	0.99	-1.13		3.90	0.92	3.77	1.02	2.41		3.82	0.93	3.78	0.98	0.60

**Note:** Performance measured on a scale of 1 "terrible" to 5 "delighted."

<sup>a</sup>Item sample size for local visitors ranges from N=81 to N=316. <sup>b</sup>Item sample size for non-local visitors ranges from N=323 to N=1264. <sup>c</sup>Item sample size for day visitors ranges from N=224 to N=819. <sup>d</sup>Item sample size for overnight visitors ranges from N=313 to N=1214. <sup>e</sup>Item sample size for weekday visitors ranges from N=300 to N=526. <sup>f</sup>Item sample size for weekend/holiday visitors ranges from N=287 to N=532.

\*p&lt;0.01. \*\*p&lt;0.001.

Technical Appendix Table 31

Mean scores, standard deviations, and t-values of dispersed setting attribute importance for region of origin

	Pacific <sup>1</sup>		Rockies <sup>2</sup>		South <sup>3</sup>		North <sup>4</sup>		F
	mean	s.d.	mean	s.d.	mean	s.d.	mean	s.d.	
An undisturbed natural setting	3.76 <sup>a</sup>	1.26	3.91 <sup>b</sup>	1.10	4.23 <sup>c</sup>	0.93	4.11 <sup>c</sup>	0.96	20.29**
Physically challenging environment	2.93	1.36	3.00	1.31	2.92	1.30	2.86	1.32	0.83
Adequate and secure parking	3.20 <sup>a</sup>	1.26	3.17 <sup>a</sup>	1.18	3.53 <sup>b</sup>	1.12	3.28 <sup>a</sup>	1.14	10.20**
Absence of motorized vehicles	3.42 <sup>a</sup>	1.58	3.44 <sup>a</sup>	1.52	3.88 <sup>b</sup>	1.26	3.70 <sup>b</sup>	1.38	13.03**
Safe drinking water	3.26 <sup>b</sup>	1.39	3.10 <sup>a</sup>	1.47	3.86 <sup>c</sup>	1.24	3.60 <sup>d</sup>	1.34	34.09**
Rarely see or hear others	2.86 <sup>a</sup>	1.45	2.82 <sup>a</sup>	1.34	3.14 <sup>b</sup>	1.33	2.95 <sup>a,b</sup>	1.36	5.82**
Designated campsites	2.42 <sup>a</sup>	1.30	2.34 <sup>a</sup>	1.32	2.90 <sup>c</sup>	1.36	2.66 <sup>b</sup>	1.29	17.98**
Motorized access	2.56 <sup>b</sup>	1.42	2.67 <sup>b</sup>	1.38	2.16 <sup>a</sup>	1.30	2.54 <sup>b</sup>	1.35	14.20**
Directional signs	2.66 <sup>a</sup>	1.29	2.70 <sup>a</sup>	1.31	3.18 <sup>b</sup>	1.29	3.20 <sup>b</sup>	1.15	25.20**
Presence and evidence of wildlife	3.76 <sup>a</sup>	1.27	3.71 <sup>a</sup>	1.21	4.18 <sup>c</sup>	1.02	3.94 <sup>b</sup>	1.16	18.74**
Information and access to historic sites	2.46 <sup>a</sup>	1.22	2.56 <sup>a</sup>	1.26	3.27 <sup>c</sup>	1.28	3.06 <sup>b</sup>	1.24	48.85**
Well-maintained trails	2.78 <sup>a</sup>	1.28	2.91 <sup>a</sup>	1.31	3.51 <sup>b</sup>	1.20	3.35 <sup>b</sup>	1.14	40.85**
Information on conditions and hazards	3.31 <sup>b</sup>	1.26	3.10 <sup>a</sup>	1.27	3.65 <sup>c</sup>	1.19	3.65 <sup>c</sup>	1.09	24.82**
Commercial outfitters and guide services available	1.37 <sup>a</sup>	0.85	1.45 <sup>a</sup>	0.90	1.78 <sup>b</sup>	1.09	1.77 <sup>b</sup>	1.05	20.43**
Connecting or loop trails	2.46 <sup>a</sup>	1.22	2.45 <sup>a</sup>	1.26	3.02 <sup>c</sup>	1.21	2.84 <sup>b</sup>	1.16	27.49**
Primitive toilet facilities	2.45 <sup>a</sup>	1.31	2.49 <sup>a</sup>	1.28	2.80 <sup>b</sup>	1.35	2.74 <sup>b</sup>	1.24	6.83**
Separation of motorized and non motorized uses	3.59 <sup>a</sup>	1.46	3.63 <sup>a</sup>	1.46	3.95 <sup>b</sup>	1.17	3.76 <sup>a</sup>	1.33	5.93**

Note: Performance measured on a scale of 1 "not important" to 5 "extremely important."

<sup>1</sup>Item sample size for visitors in the Pacific region ranges from N=601 to N=324. <sup>2</sup>Item sample size for visitors in the Rockies region ranges from N=581 to N=411.<sup>3</sup>Item sample size for visitors in the South region ranges from N=475 to N=596. <sup>4</sup>Item sample size for visitors in the North region ranges from N=219 to N=288.

\*p&lt;0.01. \*\*p&lt;0.001.

Technical Appendix Table 32

Mean scores, standard deviations, and t-values of dispersed setting attribute performance for region of origin

	Pacific <sup>1</sup>		Rockies <sup>2</sup>		South <sup>3</sup>		North <sup>4</sup>		F
	mean	s.d.	mean	s.d.	mean	s.d.	mean	s.d.	
An undisturbed natural setting	4.10 <sup>a</sup>	0.83	4.10 <sup>a</sup>	0.73	4.27 <sup>b</sup>	0.72	4.17 <sup>a</sup>	0.74	6.13**
Physically challenging environment	4.12 <sup>b</sup>	0.68	4.18 <sup>b</sup>	0.67	4.00 <sup>a</sup>	0.64	4.10 <sup>a,b</sup>	0.62	6.30**
Adequate and secure parking	3.83 <sup>a</sup>	0.80	3.73 <sup>a</sup>	0.85	3.82 <sup>a,b</sup>	0.84	3.96 <sup>b</sup>	0.77	4.45*
Absence of motorized vehicles	3.73 <sup>a</sup>	1.05	3.89 <sup>b</sup>	0.94	3.91 <sup>b</sup>	1.00	3.96 <sup>b</sup>	0.91	4.29*
Safe drinking water	3.56 <sup>b</sup>	1.14	3.28 <sup>a</sup>	1.25	3.94 <sup>c</sup>	0.96	3.78 <sup>c</sup>	1.07	27.40**
Rarely see or hear others	3.63 <sup>a,b</sup>	0.93	3.57 <sup>a</sup>	0.86	3.78 <sup>b,c</sup>	0.79	3.75 <sup>c</sup>	0.86	6.09**
Designated campsites	3.80 <sup>a,b</sup>	0.88	3.69 <sup>a</sup>	0.84	4.06 <sup>b</sup>	0.73	3.93 <sup>b,c</sup>	0.84	13.64**
Motorized access	3.86	0.84	3.79	0.86	3.79	0.90	3.83	0.81	0.66
Directional signs	3.54 <sup>a</sup>	0.97	3.47 <sup>a</sup>	1.01	3.83 <sup>b</sup>	0.85	3.63 <sup>a</sup>	0.96	13.74**
Presence and evidence of . wildlife	3.99 <sup>a</sup>	0.88	3.89 <sup>a</sup>	0.84	4.15 <sup>b</sup>	0.87	3.99 <sup>a</sup>	0.92	8.41**
Information and access to historic sites	3.36 <sup>a</sup>	1.04	3.32 <sup>a</sup>	0.96	3.90 <sup>c</sup>	0.89	3.72 <sup>b</sup>	0.97	31.61**
Well-maintained trails	3.72 <sup>a</sup>	0.91	3.84 <sup>b</sup>	0.83	4.12 <sup>c</sup>	0.82	3.94 <sup>b</sup>	0.80	18.07**
Information on conditions and hazards	3.39 <sup>a</sup>	1.00	3.35 <sup>a</sup>	0.94	3.86 <sup>c</sup>	0.85	3.55 <sup>b</sup>	1.01	26.85**
Commercial outfitters and guide services available	3.58	1.10	3.25	1.20	3.51	1.11	3.57	1.07	2.47
Connecting or loop trails	3.69 <sup>a</sup>	0.93	3.61 <sup>a</sup>	0.86	3.96 <sup>c</sup>	0.79	3.82 <sup>b</sup>	0.82	12.99**
Primitive toilet facilities	3.50 <sup>b</sup>	1.08	3.24 <sup>a</sup>	1.20	3.78 <sup>c</sup>	1.00	3.69 <sup>a,b</sup>	0.98	14.96**
Separation of motorized and non motorized uses	3.63	1.05	3.86	0.97	3.82	0.97	3.85	0.98	3.01

Note: Performance measured on a scale of 1 "terrible" to 5 "delighted."

<sup>1</sup>Item sample size for visitors in the Pacific region ranges from N=106 to N=562. <sup>2</sup>Item sample size for visitors in the Rockies region ranges from N=138 to N=540.<sup>3</sup>Item sample size for visitors in the South region ranges from N=177 to N=580. <sup>4</sup>Item sample size for visitors in the North region ranges from N=84 to N=284.

\*p&lt;0.01. \*\*p&lt;0.001.

Technical Appendix Table 33

Mean scores, standard deviations, and t-values of roaded setting attribute importance for gender, education and disability

	Males <sup>a</sup>				Females <sup>b</sup>				<16 yrs. ed. <sup>c</sup>				15+ yrs. ed. <sup>d</sup>				With <sup>e</sup>		Without a disability <sup>f</sup>	
	mean	s.d.	mean	s.d.	t	mean	s.d.	mean	s.d.	t	mean	s.d.	mean	s.d.	t	mean	s.d.	mean	s.d.	t
Absence of human modification to landscape	3.40	1.25	3.48	1.28	-1.15	3.34	1.26	3.59	1.24	-3.83**	3.59	1.29	3.13	1.37	2.32					
Good all-weather roads	3.30	1.16	3.49	1.14	-3.11*	3.47	1.11	3.22	1.19	4.10**	3.47	1.12	2.88	1.23	3.48*					
Scenic overlooks and pull-offs	3.52	1.10	3.68	1.09	-2.62*	3.59	1.09	3.58	1.11	0.13	3.80	0.92	3.26	1.21	3.81**					
Convenient restrooms	3.33	1.16	3.62	1.17	-4.75**	3.53	1.15	3.29	1.18	4.04**	3.67	0.99	3.09	1.28	3.76**					
Distant views/open vistas	3.61	1.09	3.69	1.08	-1.44	3.61	1.07	3.71	1.11	-1.74	3.89	0.90	3.56	1.17	2.42					
Passing lanes	2.50	1.28	2.69	1.34	-2.66*	2.69	1.30	2.40	1.28	4.10**	2.82	1.25	2.27	1.30	2.81**					
Walking trails	3.33	1.18	3.46	1.16	-1.99	3.29	1.16	3.49	1.20	-3.18*	3.08	1.18	3.21	1.27	-0.71					
Roaded access to natural features	3.09	1.16	3.28	1.18	-2.96*	3.24	1.14	3.05	1.19	3.13*	3.08	1.14	2.96	1.22	0.66					
Uncongested traffic	3.55	1.10	3.65	1.09	-1.83	3.57	1.09	3.59	1.10	-0.31	3.51	1.05	3.67	1.16	-1.04					
Interpretive signs, brochures, exhibits	3.20	1.17	3.40	1.18	-3.27*	3.30	1.16	3.24	1.20	1.01	3.43	1.03	3.07	1.28	2.31					
Information about and access to historic sites	3.35	1.10	3.51	1.10	-2.72*	3.43	1.07	3.39	1.14	0.67	3.73	0.87	3.23	1.20	3.62*					
Opportunities for wildlife observations	3.76	1.28	3.82	1.02	-1.13	3.76	1.02	3.82	0.99	-1.24	4.00	0.83	3.91	0.96	0.68					
Bicycle lanes available	2.27	1.28	2.36	1.31	-1.08	2.33	1.30	2.25	1.28	0.96	2.29	1.30	1.96	1.03	1.35					
Drinking water available	3.19	1.30	3.44	1.28	-3.24*	3.41	1.28	3.10	1.30	4.29**	3.22	1.33	2.78	1.37	1.98					
Picnic facilities available	2.75	1.21	2.95	1.24	-2.70*	3.01	1.22	2.57	1.19	6.57**	3.08	1.13	2.32	1.13	3.98**					

Note: Importance measured on a scale of 1 “not important” to 5 “extremely important.”

<sup>a</sup>Item sample size for males ranges from N=592 to N=1030. <sup>b</sup>Item sample size for females ranges from N=339 to N=543. <sup>c</sup>Item sample size for visitors with less than16 years of education ranges from N=503 to N=916. <sup>d</sup>Item sample size for visitors with 16 or more years of education ranges from N=431 to N=633. <sup>e</sup>Item samplesize for visitors with a disability ranges from N=35 to N=54. <sup>f</sup>Item sample size for visitors without a disability ranges from N=89 to N=363.

\*p&lt;0.01. \*\*p&lt;0.001.

Technical Appendix Table 34

Mean scores, standard deviations, and t-values of roaded setting attribute performance for gender, education and disability

	Males <sup>a</sup>				Females <sup>b</sup>				<16 yrs. ed. <sup>c</sup>				15+ yrs. ed. <sup>d</sup>				With <sup>e</sup>		Without a disability <sup>f</sup>	
	mean	s.d.	mean	s.d.	t	mean	s.d.	mean	s.d.	t	mean	s.d.	mean	s.d.	t	mean	s.d.	mean	s.d.	t
Absence of human modification to landscape	3.93	0.76	3.99	0.77	-1.23	3.95	0.77	3.96	0.76	-0.32	4.02	0.76	3.87	0.84	1.15					
Good all-weather roads	3.93	0.81	3.90	0.87	0.64	3.89	0.87	3.97	0.74	-1.85	3.87	0.99	3.64	0.99	1.52					
Scenic overlooks and pull-offs	3.98	0.78	3.97	0.80	0.18	3.96	0.79	4.01	0.77	-1.28	4.00	0.83	3.92	0.83	0.60					
Convenient restrooms	3.67	0.93	3.68	1.01	-0.21	3.66	0.98	3.69	0.94	-0.58	3.66	0.99	3.66	1.01	0.02					
Distant views/open vistas	4.18	0.74	4.24	0.73	-1.46	4.16	0.74	4.26	0.74	-2.58	4.13	0.85	4.28	0.76	-1.13					
Passing lanes	3.46	0.89	3.47	1.04	-0.14	3.44	0.97	3.48	0.90	-0.72	3.46	0.78	3.45	0.96	0.02					
Walking trails	3.83	0.81	3.86	0.80	-0.49	3.83	0.81	3.83	0.81	0.02	3.77	0.77	3.85	0.78	-0.57					
Roaded access to natural features	3.84	0.77	3.90	0.74	-1.45	3.82	0.81	3.91	0.69	-2.27	3.65	0.88	3.82	0.78	-1.24					
Uncongested traffic	3.89	0.82	3.87	0.84	0.44	3.84	0.83	3.93	0.81	-2.07	3.83	0.81	4.05	0.79	-1.73					
Interpretive signs, brochures, exhibits	3.62	0.93	3.71	0.96	-1.64	3.68	0.93	3.61	0.97	1.35	3.54	1.05	3.46	1.03	0.44					
Information about and access to historic sites	3.56	0.90	3.61	0.98	-0.83	3.60	0.94	3.53	0.92	1.40	3.65	1.04	3.42	0.94	1.44					
Opportunities for wildlife observations	3.94	0.86	3.94	0.85	-0.10	3.92	0.85	3.95	0.87	-0.57	3.65	0.95	4.02	0.85	-2.48					
Bicycle lanes available	3.28	1.10	3.15	1.18	1.07	3.18	1.10	3.30	1.18	-0.99	3.20	0.94	3.07	1.23	0.40					
Drinking water available	3.40	1.01	3.44	1.12	-0.55	3.44	1.07	3.39	1.02	0.74	3.61	0.88	3.27	1.10	1.71					
Picnic facilities available	3.61	0.88	3.70	0.91	-1.40	3.66	0.92	3.62	0.83	0.64	3.46	0.98	3.80	0.80	-1.85					

Note: Performance measured on a scale of 1 “terrible” to 5 “delighted.”

<sup>a</sup>Item sample size for males ranges from N=247 to N=985. <sup>b</sup>Item sample size for females ranges from N=137 to N=510. <sup>c</sup>Item sample size for visitors with less than 16 years of education ranges from N=230 to N=877. <sup>d</sup>Item sample size for visitors with 16 or more years of education ranges from N=153 to N=599. <sup>e</sup>Item sample size for visitors with a disability ranges from N=15 to N=48. <sup>f</sup>Item sample size for visitors without a disability ranges from N=30 to N=334.

\*p&lt;0.01. \*\*p&lt;0.001.

Technical Appendix Table 35

Mean scores, standard deviations, and t-values of roaded setting attribute importance for previous visitation, race, and employment

	First time <sup>a</sup>				Return <sup>b</sup>				Non-white <sup>c</sup>				White <sup>d</sup>				Employed <sup>e</sup>				Non-employed <sup>f</sup>			
	mean	s.d.	mean	s.d.	t	mean	s.d.	mean	s.d.	t	mean	s.d.	mean	s.d.	t	mean	s.d.	mean	s.d.	t	mean	s.d.	mean	s.d.
Absence of human modification	3.57	1.18	3.41	1.29	2.38	3.45	1.24	3.43	1.26	0.09	3.51	1.25	3.26	1.27	3.32*									
Good all-weather roads	3.52	1.09	3.29	1.18	3.76**	3.43	1.02	3.36	1.16	0.44	3.30	1.16	3.50	1.11	-3.19*									
Scenic overlooks and pull-offs	3.72	0.99	3.48	1.15	4.28**	3.45	1.04	3.58	1.10	-0.79	3.57	1.10	3.59	1.08	-0.25									
Convenient restrooms	3.53	1.09	3.37	1.22	2.69*	3.49	1.08	3.42	1.17	0.39	3.37	1.14	3.56	1.14	-3.02*									
Distant views/open vistas	3.70	1.03	3.58	1.14	2.10	3.64	0.91	3.64	1.09	0.02	3.66	1.07	3.65	1.11	0.20									
Passing lanes	2.66	1.27	2.50	1.33	2.18	2.77	1.19	2.56	1.31	1.03	2.41	1.27	2.80	1.31	-5.19**									
Walking trails	3.49	1.11	3.28	1.21	3.35*	3.26	1.35	3.38	1.17	-0.55	3.45	1.17	3.27	1.19	2.72*									
Roaded access to natural features	3.23	1.15	3.09	1.18	2.34	3.02	1.19	3.16	1.17	-0.72	3.11	1.19	3.22	1.13	-1.66									
Uncongested traffic	3.52	1.07	3.63	1.12	-1.80	3.75	1.01	3.58	1.10	1.04	3.62	1.08	3.49	1.12	2.27									
Interpretive signs, brochures, exhibits	3.41	1.12	3.14	1.21	4.32**	3.13	1.03	3.28	1.18	-0.90	3.23	1.18	3.36	1.14	-1.97									
Information about and access to historic sites	3.49	1.05	3.34	1.13	2.66*	3.18	1.12	3.42	1.10	-1.31	3.39	1.12	3.42	1.07	-0.61									
Opportunities for wildlife observations	3.75	0.99	3.79	1.03	-0.86	3.60	1.08	3.79	1.01	-1.10	3.81	1.01	3.75	1.00	1.06									
Bicycle lanes available	2.32	1.28	2.28	1.29	0.48	2.31	1.29	2.30	1.29	0.03	2.32	1.30	2.25	1.28	0.75									
Drinking water available	3.31	1.24	3.24	1.35	0.99	3.22	1.38	3.28	1.30	-0.23	3.25	1.27	3.33	1.30	-1.05									
Picnic facilities available	2.79	1.18	2.85	1.26	-0.74	2.89	1.16	2.82	1.23	0.40	2.78	1.19	2.83	1.27	-0.67									

Note: Importance measured on a scale of 1 “not important” to 5 “extremely important.”

<sup>a</sup>Item sample size for first time visitors ranges from N=443 to N=636. <sup>b</sup>Item sample size for return visitors ranges from N=493 to N=768. <sup>c</sup>Item sample size for non-white visitors ranges from N=26 to N=43. <sup>d</sup>Item sample size for white visitors ranges from N=905 to N=1528. <sup>e</sup>Item sample size for employed visitors ranges from N=559 to N=861. <sup>f</sup>Item sample size for not-employed visitors ranges from N=266 to N=538.

\*p&lt;0.01. \*\*p&lt;0.001.

Technical Appendix Table 36

Mean scores, standard deviations, and t-values of roaded setting attribute performance for previous visitation, race, and employment

	First time <sup>a</sup>					Return <sup>b</sup>					Non-white <sup>c</sup>					White <sup>d</sup>					Employed <sup>e</sup>					Non-employed <sup>f</sup>				
	mean	s.d.	mean	s.d.	t	mean	s.d.	mean	s.d.	t	mean	s.d.	mean	s.d.	t	mean	s.d.	mean	s.d.	t	mean	s.d.	mean	s.d.	t	mean	s.d.	t		
Absence of human modification	4.00	0.70	3.92	0.81	2.51	3.83	0.81	3.96	0.76	-0.92	3.95	0.77	3.95	0.77	-0.07															
Good all-weather roads	3.99	0.81	3.88	0.84	2.38	3.79	1.01	3.92	0.83	-0.78	3.86	0.84	3.97	0.82	-2.48															
Scenic overlooks and pull-offs	4.05	0.78	3.93	0.80	2.88*	3.87	0.66	3.98	0.79	-1.04	3.96	0.79	3.97	0.81	-0.07															
Convenient restrooms	3.70	0.98	3.66	0.94	0.63	3.53	0.88	3.68	0.96	-0.93	3.62	0.95	3.72	1.00	-1.59															
Distant views/open vistas	4.21	0.71	4.20	0.76	0.30	4.18	0.76	4.20	0.74	-0.20	4.20	0.74	4.20	0.73	0.03															
Passing lanes	3.46	0.98	3.46	0.92	0.09	3.33	0.88	3.46	0.94	-0.75	3.39	0.92	3.51	0.97	-1.76															
Walking trails	3.87	0.77	3.82	0.83	1.02	3.67	0.80	3.84	0.81	-1.20	3.78	0.84	3.90	0.72	-2.38															
Roaded access to natural features	3.87	0.76	3.86	0.77	0.24	3.77	0.73	3.86	0.77	-0.72	3.84	0.76	3.86	0.75	-0.62															
Uncongested traffic	3.88	0.79	3.86	0.86	0.55	3.75	0.97	3.89	0.82	-0.85	3.89	0.82	3.87	0.82	0.45															
Interpretive signs, brochures, exhibits	3.68	0.98	3.65	0.90	0.63	3.38	0.91	3.65	0.95	-1.72	3.59	0.94	3.73	0.95	-2.47															
Information about and access to historic sites	3.65	0.92	3.54	0.93	2.06	3.44	0.80	3.58	0.94	-0.98	3.51	0.95	3.66	0.90	-2.66*															
Opportunities for wildlife observations	3.87	0.87	4.01	0.84	-2.96*	3.79	1.01	3.94	0.86	-0.84	3.94	0.86	3.92	0.86	0.45															
Bicycle lanes available	3.29	1.08	3.19	1.17	0.87	3.00	1.04	3.24	1.13	-0.85	3.21	1.11	3.27	1.19	-0.48															
Drinking water available	3.49	1.01	3.36	1.10	1.87	3.00	0.96	3.43	1.06	-2.20	3.36	1.05	3.51	1.06	-1.94															
Picnic facilities available	3.67	0.86	3.61	0.92	1.08	3.59	0.78	3.64	0.90	-0.38	3.61	0.87	3.66	0.92	-0.68															

Note: Performance measured on a scale of 1 “terrible” to 5 “delighted.”

<sup>a</sup>Item sample size for first time visitors ranges from N=164 to N=608. <sup>b</sup>Item sample size for return visitors ranges from N=220 to N=795. <sup>c</sup>Item sample size for non-white visitors ranges from N=14 to N=39. <sup>d</sup>Item sample size for white visitors ranges from N=369 to N=1453. <sup>e</sup>Item sample size for employed visitors ranges from N=224 to N=826. <sup>f</sup>Item sample size for not-employed visitors ranges from N=115 to N=516.

\*p&lt;0.01. \*\*p&lt;0.001.

Technical Appendix Table 37

Mean scores, standard deviations, and t-values of roaded setting attribute importance for distance traveled, length of stay, and day of visit

	Local <sup>a</sup>				Non-local <sup>b</sup>				Day <sup>c</sup>				Overnight <sup>d</sup>				Weekday <sup>e</sup>				Weekend/Holiday <sup>f</sup>			
	mean	s.d.	mean	s.d.	t	mean	s.d.	mean	s.d.	t	mean	s.d.	mean	s.d.	t	mean	s.d.	mean	s.d.	t				
Absence of human modification	3.42	1.29	3.45	1.25	-0.28	3.39	1.27	3.51	1.25	-1.60	3.95	1.23	3.58	1.19	-0.45									
Good all-weather roads	3.49	1.19	3.34	1.14	1.60	3.49	1.13	3.22	1.14	4.32**	3.45	1.13	3.39	1.13	0.90									
Scenic overlooks and pull-offs	3.56	1.14	3.57	1.09	-0.11	3.66	1.05	3.48	1.12	2.91*	3.65	1.06	3.59	1.05	1.08									
Convenient restrooms	3.46	1.27	3.43	1.15	0.36	3.57	1.11	3.24	1.22	4.97**	3.47	1.14	3.44	1.17	0.34									
Distant views/open vistas	3.61	1.15	3.65	1.07	-0.50	3.67	1.07	3.60	1.10	1.24	3.69	1.07	3.64	1.07	0.81									
Passing lanes	2.59	1.39	2.55	1.28	0.34	2.68	1.32	2.43	1.24	3.50**	2.61	1.30	2.56	1.29	0.66									
Walking trails	3.41	1.25	3.35	1.16	0.60	3.36	1.17	3.40	1.16	-0.62	3.41	1.15	3.37	1.16	0.57									
Roaded access to natural features	3.08	1.32	3.17	1.13	-0.90	3.21	1.18	3.09	1.11	1.77	3.20	1.16	3.13	1.16	0.95									
Uncongested traffic	3.72	1.08	3.54	1.10	2.21	3.56	1.09	3.61	1.08	-0.78	3.55	1.09	3.59	1.11	-0.58									
Interpretive signs, brochures, exhibits	3.02	1.27	3.30	1.16	-2.90*	3.33	1.17	3.18	1.18	2.24	3.34	1.16	3.23	1.17	1.72									
Information about and access to historic sites	3.23	1.16	3.42	1.10	-2.09	3.44	1.10	3.35	1.09	1.40	3.47	1.08	3.39	1.07	1.32									
Opportunities for wildlife observations	3.74	1.08	3.77	1.00	-0.40	3.79	1.01	3.77	1.00	0.23	3.76	1.00	3.79	1.02	-0.45									
Bicycle lanes available	2.50	1.38	2.22	1.25	2.11	2.29	1.30	2.27	1.23	0.22	2.30	1.29	2.30	1.28	-0.03									
Drinking water available	3.28	1.45	3.28	1.26	-0.03	3.33	1.29	3.18	1.29	1.91	3.27	1.28	3.29	1.32	-0.28									
Picnic facilities available	2.98	1.37	2.80	1.19	1.58	2.93	1.24	2.62	1.17	4.30**	2.79	1.21	2.87	1.25	-1.18									

Note: Importance measured on a scale of 1 “not important” to 5 “extremely important.”

<sup>a</sup>Item sample size for local visitors ranges from N=131 to N=211. <sup>b</sup>Item sample size for non-local visitors ranges from N=724 to N=1196. <sup>c</sup>Item sample size for day visitors ranges from N=585 to N=967. <sup>d</sup>Item sample size for overnight visitors ranges from N=301 to N=497. <sup>e</sup>Item sample size for weekday visitors ranges from N=514 to N=777. <sup>f</sup>Item sample size for weekend/holiday visitors ranges from N=422 to N=565.

\*p&lt;0.01. \*\*p&lt;0.001.

Technical Appendix Table 38

Mean scores, standard deviations, and t-values of roaded setting attribute performance for distance traveled, length of stay, and day of visit

	Local <sup>a</sup>				Non-local <sup>b</sup>				Day <sup>c</sup>				Overnight <sup>d</sup>				Weekday <sup>e</sup>				Weekend/Holiday <sup>f</sup>			
	mean	s.d.	mean	s.d.	t	mean	s.d.	mean	s.d.	t	mean	s.d.	mean	s.d.	t	mean	s.d.	mean	s.d.	t				
Absence of human modification	3.90	0.84	3.98	0.74	-1.14	3.94	0.78	3.97	0.75	-0.68	4.00	0.75	3.94	0.77	1.37									
Good all-weather roads	3.82	0.96	3.95	0.80	-1.87	3.97	0.83	3.82	0.81	3.30*	3.97	0.82	3.89	0.81	1.85									
Scenic overlooks and pull-offs	3.88	0.87	4.02	0.77	-2.14	3.99	0.80	3.96	0.78	0.77	4.02	0.76	3.94	0.81	1.85									
Convenient restrooms	3.56	1.03	3.69	0.96	-1.44	3.69	0.97	3.65	0.91	0.70	3.64	0.96	3.68	0.96	-0.68									
Distant views/open vistas	4.18	0.78	4.23	0.73	-0.85	4.17	0.75	4.24	0.74	-1.71	4.21	0.75	4.19	0.72	0.46									
Passing lanes	3.41	1.02	3.47	0.93	-0.67	3.48	0.96	3.37	0.92	1.67	3.50	0.93	3.39	0.96	1.66									
Walking trails	3.80	0.92	3.86	0.79	-0.77	3.84	0.81	3.84	0.78	0.02	3.83	0.80	3.81	0.83	0.36									
Roaded access to natural features	3.80	0.86	3.88	0.76	-1.12	3.87	0.75	3.83	0.77	0.90	3.86	0.77	3.86	0.75	0.06									
Uncongested traffic	3.83	0.91	3.89	0.81	-0.91	3.89	0.81	3.82	0.85	1.33	3.88	0.78	3.82	0.89	1.27									
Interpretive signs, brochures, exhibits	3.58	0.96	3.68	0.94	-1.17	3.74	0.91	3.55	0.97	3.25*	3.70	0.92	3.62	0.96	1.40									
Information about and access to historic sites	3.43	1.04	3.61	0.91	-2.05	3.64	0.94	3.49	0.89	2.72*	3.62	0.92	3.56	0.94	1.01									
Opportunities for wildlife observations	3.95	0.91	3.95	0.83	-0.06	3.97	0.84	3.88	0.89	1.86	3.94	0.85	3.94	0.87	-0.02									
Bicycle lanes available	3.09	1.27	3.28	1.10	-1.21	3.31	1.12	3.07	1.14	1.87	3.31	1.12	3.14	1.14	1.46									
Drinking water available	3.00	1.21	3.49	1.02	-4.23**	3.40	1.09	3.43	1.01	-0.36	3.46	1.02	3.36	1.11	1.41									
Picnic facilities available	3.60	1.03	3.66	0.88	-0.63	3.64	0.94	3.65	0.80	-0.12	3.64	0.86	3.63	0.93	0.15									

Note: Performance measured on a scale of 1 “terrible” to 5 “delighted.”

<sup>a</sup>Item sample size for local visitors ranges from N=77 to N=204. <sup>b</sup>Item sample size for non-local visitors ranges from N=271 to N=1131. <sup>c</sup>Item sample size for day visitors ranges from N=236 to N=926. <sup>d</sup>Item sample size for overnight visitors ranges from N=126 to N=460. <sup>e</sup>Item sample size for weekday visitors ranges from N=200 to N=743. <sup>f</sup>Item sample size for weekend/holiday visitors ranges from N=184 to N=541.

\*p&lt;0.01. \*\*p&lt;0.001.

Technical Appendix Table 39

Mean scores, standard deviations, and t-values of roaded setting attribute importance for region of origin

	Pacific <sup>1</sup>		Rockies <sup>2</sup>		South <sup>3</sup>		North <sup>4</sup>		
	mean	s.d.	mean	s.d.	mean	s.d.	mean	s.d.	F
Absence of human modification	3.50	1.29	3.52	1.25	3.31	1.24	3.34	1.24	2.49
Good all-weather roads	3.03 <sup>a</sup>	1.19	3.38 <sup>b</sup>	1.22	3.64 <sup>c</sup>	1.00	3.51 <sup>b,c</sup>	1.07	22.73**
Scenic overlooks and pull-offs	3.40 <sup>a</sup>	1.29	3.53 <sup>a,b</sup>	1.14	3.72 <sup>b</sup>	1.03	3.66 <sup>b</sup>	1.07	6.68**
Convenient restrooms	3.10 <sup>a</sup>	1.22	3.44 <sup>b</sup>	1.19	3.69 <sup>c</sup>	1.06	3.60 <sup>b,c</sup>	1.06	21.79**
Distant views/open vistas	3.65	1.11	3.58	1.16	3.65	1.09	3.67	0.97	0.45
Passing lanes	2.31 <sup>a</sup>	1.30	2.52 <sup>b</sup>	1.31	2.81 <sup>c</sup>	1.27	2.65 <sup>b,c</sup>	1.28	10.24**
Walking trails	3.34	1.15	3.34	1.22	3.40	1.19	3.36	1.15	0.19
Roaded access to natural features	3.00 <sup>a</sup>	1.17	2.94 <sup>a</sup>	1.20	3.37 <sup>b</sup>	1.13	3.37 <sup>b</sup>	1.05	14.66**
Uncongested traffic	3.50	1.15	3.57	1.12	3.65	1.07	3.63	1.01	1.61
Interpretive signs, brochures, exhibits	3.08 <sup>a</sup>	1.19	3.17 <sup>a</sup>	1.16	3.44 <sup>b</sup>	1.17	3.41 <sup>b</sup>	1.14	8.82**
Information about and access to historic sites	3.32	1.10	3.33	1.06	3.53	1.12	3.43	1.12	2.92
Opportunities for wildlife observations	3.84	0.97	3.64	1.04	3.77	1.06	3.83	0.94	2.87
Bicycle lanes available	2.19	1.21	2.24	1.34	2.24	1.28	2.51	1.29	2.78
Drinking water available	2.98 <sup>a</sup>	1.29	3.23 <sup>b</sup>	1.38	3.54 <sup>c</sup>	1.22	3.49 <sup>c</sup>	1.18	13.76**
Picnic facilities available	2.53 <sup>a</sup>	1.13	2.83 <sup>b</sup>	1.33	3.08 <sup>c</sup>	1.20	2.97 <sup>b,c</sup>	1.18	13.41**

Note: Performance measured on a scale of 1 “not important” to 5 “extremely important.”

<sup>1</sup>Item sample size for Pacific region ranges from N=275 to N=462. <sup>2</sup>Item sample size for Rockies region ranges from N=195 to N=326. <sup>3</sup>Item sample size for South region ranges from N=221 to N=371. <sup>4</sup>Item sample size for North region ranges from N=196 to N=349.

\*p&lt;0.01. \*\*p&lt;0.001.

Technical Appendix Table 40

Mean scores, standard deviations, and t-values of roaded setting attribute performance for region of origin

	Pacific <sup>1</sup>		Rockies <sup>2</sup>		South <sup>3</sup>		North <sup>4</sup>		F
	mean	s.d.	mean	s.d.	mean	s.d.	mean	s.d.	
Absence of human modification	3.94	0.79	3.99	0.82	3.94	0.75	4.00	0.65	0.68
Good all-weather roads	3.93	0.86	3.91	0.79	3.92	0.86	3.95	0.78	0.10
Scenic overlooks and pull-offs	4.05	0.71	3.93	0.84	3.94	0.80	3.99	0.82	1.76
Convenient restrooms	3.56 <sup>a</sup>	1.01	3.58 <sup>a</sup>	1.03	3.67 <sup>a</sup>	0.98	3.87 <sup>b</sup>	0.82	6.74**
Distant views/open vistas	4.36 <sup>b</sup>	0.67	4.25 <sup>a</sup>	0.70	4.07 <sup>c</sup>	0.79	4.13 <sup>c</sup>	0.76	11.73**
Passing lanes	3.47	0.93	3.34	0.99	3.52	0.91	3.49	0.96	1.50
Walking trails	3.88	0.81	3.80	0.85	3.85	0.82	3.84	0.75	0.51
Roaded access to natural features	3.91	0.76	3.81	0.75	3.84	0.85	3.88	0.69	1.00
Uncongested traffic	3.89	0.84	3.76	0.92	3.95	0.75	3.92	0.76	3.49
Interpretive signs, brochures, exhibits	3.61	0.93	3.53	0.96	3.72	0.94	3.77	0.92	3.76
Information about and access to historic sites	3.52 <sup>b</sup>	0.91	3.41 <sup>a</sup>	1.00	3.65 <sup>b,c</sup>	0.95	3.72 <sup>c</sup>	0.86	5.98**
Opportunities for wildlife observations	4.19 <sup>b</sup>	0.80	3.81 <sup>a</sup>	0.94	3.81 <sup>a</sup>	0.84	3.92 <sup>a</sup>	0.81	15.98**
Bicycle lanes available	3.34	1.15	2.89	1.27	3.38	1.28	3.32	0.95	3.72
Drinking water available	3.31 <sup>a,b</sup>	1.02	3.13 <sup>a</sup>	1.20	3.44 <sup>b</sup>	1.09	3.73 <sup>c</sup>	0.86	11.46**
Picnic facilities available	3.54 <sup>a</sup>	0.95	3.51 <sup>a</sup>	0.98	3.69 <sup>a,b</sup>	0.90	3.79 <sup>b</sup>	0.72	4.34*

Note: Performance measured on a scale of 1 “terrible” to 5 “delighted.”

<sup>1</sup>Item sample size for Pacific region ranges from N=104 to N=370. <sup>2</sup>Item sample size for Rockies region ranges from N=89 to N=309. <sup>3</sup>Item sample size for South region ranges from N=92 to N=367. <sup>4</sup>Item sample size for North region ranges from N=82 to N=333.

\*p&lt;0.01. \*\*p&lt;0.001.

Technical Appendix Table 41

Mean scores, standard deviations, and t-values of winter setting attribute importance for gender, education and disability

	Males <sup>a</sup>			Females <sup>b</sup>			<16 yrs. ed. <sup>c</sup>			15+ yrs. ed. <sup>d</sup>			With <sup>e</sup>			Without a disability <sup>f</sup>		
	mean	s.d.	mean	s.d.	t	mean	s.d.	mean	s.d.	t	mean	s.d.	mean	s.d.	t	mean	s.d.	t
Uncrowded areas	3.98	0.95	3.90	1.03	0.74	3.87	0.99	4.04	0.95	-1.71	3.75	1.17	3.73	0.94	0.04			
Adequate parking	3.81	0.93	3.85	1.15	-0.30	3.83	1.03	3.82	0.98	0.10	3.86	0.38	3.68	0.92	1.09			
Warming facilities	3.18	1.36	3.52	1.42	-2.08	3.30	1.43	3.26	1.35	0.23	3.00	1.29	2.64	1.31	0.72			
Equipment rental	2.41	1.28	2.57	1.59	-0.74	2.54	1.43	2.36	1.32	1.01	2.80	1.64	1.85	1.13	1.27			
Restaurant and/or grocery nearby	2.80	1.28	3.04	1.31	-1.52	2.94	1.31	2.80	1.28	0.92	2.71	1.25	2.41	1.19	0.62			
Avalanche control	3.64	1.33	4.07	1.08	-3.10*	3.77	1.32	3.76	1.23	0.08	3.71	1.11	3.44	1.33	0.63			
Trail and slope grooming	3.72	1.28	3.93	1.27	-1.31	3.86	1.23	3.72	1.31	0.97	3.63	1.51	3.87	1.11	-0.46			
Overnight lodging nearby	2.76	1.39	2.86	1.40	-0.54	2.75	1.36	2.82	1.43	-0.40	3.00	1.63	2.26	1.30	1.18			
Information on conditions and hazards	3.80	1.06	3.92	1.14	-0.96	3.84	1.11	3.82	1.06	0.12	3.75	0.89	3.81	1.10	-0.18			
Plowed and maintained roads and parking	4.03	0.99	4.21	.88	-1.60	4.07	1.02	4.09	0.91	-0.23	3.71	0.95	4.06	0.94	-0.93			
Presence and evidence of wildlife	3.40	1.17	3.55	1.34	-1.03	3.39	1.28	3.48	1.18	-0.67	3.80	0.84	2.69	1.31	2.81			
Instruction staff	2.72	1.29	2.90	1.42	-1.06	2.76	1.40	2.78	1.28	-0.09	3.14	1.22	2.16	1.24	2.07			
Variety of challenge of slope/trail	3.97	1.01	3.91	1.09	0.43	3.88	1.05	4.00	1.03	-1.10	4.00	0.93	3.60	1.07	1.17			
Short wait for lift-lines	3.98	1.15	4.09	1.08	-0.68	3.83	1.22	4.16	1.02	-2.10	3.63	1.19	3.97	1.12	-0.77			
Emergency rescuer medical services	3.71	1.19	3.85	1.20	-0.96	3.82	1.13	3.68	1.24	1.05	3.75	1.17	3.36	1.25	0.91			
Snow making capabilities	2.79	1.36	2.80	1.52	-0.04	2.81	1.40	2.77	1.40	0.18	3.14	1.35	2.19	1.30	1.79			
Separation of motorized and nonmotorized use	3.84	1.25	4.09	1.25	-1.60	3.76	1.33	4.03	1.17	-1.92	4.17	0.75	3.81	1.26	1.08			
Absence of development	3.51	1.23	3.62	1.32	-0.72	3.44	1.29	3.61	1.22	-1.26	3.71	0.95	2.95	1.30	2.00			
Public restrooms	3.54	1.23	3.95	1.22	-2.93*	3.74	1.20	3.59	1.26	1.12	4.13	0.99	3.41	1.28	1.94			
Campgrounds with electricity	2.05	1.26	2.04	1.28	0.03	2.13	1.28	1.97	1.25	0.90	1.40	0.89	1.55	1.00	-0.36			
Presence of rangers and ski patrol	3.17	1.39	3.39	1.36	-1.30	3.26	1.40	3.22	1.37	0.25	3.25	1.28	2.84	1.41	0.88			
Lighted slopes and trails	2.73	1.46	2.92	1.48	-0.93	2.95	1.51	2.63	1.42	1.69	3.00	1.53	2.02	1.18	1.66			
Evening activities/entertainment	2.27	1.29	2.40	1.43	-0.66	2.55	1.40	2.10	1.22	2.59	2.17	1.47	1.79	1.09	0.61			

Note: Performance measured on a scale of 1 “terrible” to 5 “delighted.”

<sup>a</sup>Item sample size for males ranges from N=131 to N=231. <sup>b</sup>Item sample size for females ranges from N=61 to N=261. <sup>c</sup>Item sample size for visitors with less than 16 years of education ranges from N=88 to N=173. <sup>d</sup>Item samples size for visitors with 16 or more years of education ranges from N=109 to N=203.<sup>e</sup>Item sample size for visitors with disabilities ranges from N=5 to N=8. <sup>f</sup>Item sample size for visitors without disabilities ranges from N=62 to N=124.

\*p&lt;0.01. \*\*p&lt;0.001.

Technical Appendix Table 42

Mean scores, standard deviations, and t-values of winter setting attribute performance for gender, education and disability

	Males <sup>a</sup>			Females <sup>b</sup>			<16 yrs. ed. <sup>c</sup>			15+ yrs. ed. <sup>d</sup>			With <sup>e</sup>		Without a disability <sup>f</sup>	
	mean	s.d.	mean	s.d.	t	mean	s.d.	mean	s.d.	t	mean	s.d.	mean	s.d.	mean	t
Uncrowded areas	3.97	0.78	3.87	0.92	0.96	3.87	0.84	4.00	0.80	-1.60	4.00	0.76	3.86	0.71	0.50	
Adequate parking	3.74	0.92	3.64	1.08	0.81	3.62	1.02	3.78	0.92	-1.57	4.00	0.76	3.69	0.85	1.10	
Warming facilities	3.71	1.08	3.88	0.98	-1.27	3.73	1.13	3.77	1.01	-0.30	3.25	1.49	3.61	1.01	-0.66	
Equipment rental	3.74	1.14	4.24	0.64	-3.27*	3.88	1.09	3.83	1.07	0.30	3.40	1.52	3.94	0.80	-0.78	
Restaurant and/or grocery nearby	3.56	0.98	3.63	0.90	-0.54	3.58	0.98	3.57	0.93	0.15	3.67	1.03	3.75	0.65	-0.20	
Avalanche control	3.82	1.06	4.15	0.90	-2.26	3.87	1.17	3.96	0.89	-0.59	3.38	0.92	4.02	0.85	-1.87	
Trail and slope grooming	3.80	1.03	3.91	0.94	-0.81	3.75	1.10	3.89	0.93	-1.10	3.57	0.98	3.93	0.90	-0.94	
Overnight lodging nearby	3.56	1.04	3.72	1.01	-0.97	3.55	1.05	3.66	1.01	-0.72	3.40	1.52	3.70	0.85	-0.43	
Information on conditions and hazards	3.43	1.08	3.63	1.06	-1.48	3.45	1.17	3.52	1.00	-0.56	3.22	1.39	3.63	0.81	-0.87	
Plowed and maintained roads and parking	3.82	0.99	3.87	0.95	-0.40	3.81	1.07	3.83	0.92	-0.21	3.71	1.25	4.00	0.67	-0.60	
Presence and evidence of wildlife	3.64	0.88	3.61	1.05	0.24	3.63	1.04	3.64	0.83	-0.08	4.25	0.50	3.58	0.68	2.57	
Instruction staff	3.67	1.01	4.00	0.93	-2.15	3.81	1.14	3.73	0.89	0.52	3.20	1.30	3.89	0.82	-1.16	
Variety of challenge of slope/trail	4.03	0.78	4.00	0.98	0.23	4.03	0.89	4.02	0.79	0.12	4.00	0.58	3.94	0.69	0.23	
Short wait for lift-lines	3.89	1.03	3.85	1.11	0.26	3.65	1.22	4.09	0.86	-2.61	3.83	0.75	4.37	0.63	-1.67	
Emergency rescue or medical services	3.79	0.95	3.92	1.08	-0.86	3.84	1.05	3.80	0.98	0.26	3.63	1.69	3.92	0.73	-0.50	
Snow making capabilities	3.73	0.99	3.67	0.82	0.32	3.79	0.97	3.60	0.94	1.02	4.00	0.00	3.61	0.88	----	
Separation of motorized and nonmotorized use	3.74	1.11	3.71	1.20	0.19	3.70	1.18	3.76	1.10	-0.42	3.43	1.28	3.70	1.06	-0.55	
Absence of development	3.80	0.92	3.67	0.91	1.09	3.77	0.90	3.77	0.94	-0.06	3.80	1.10	3.65	0.86	0.31	
Public restrooms	3.60	1.06	3.75	1.16	-1.16	3.69	1.09	3.62	1.09	0.59	3.50	1.31	3.71	0.91	-0.44	
Campgrounds with electricity	1.27	3.03	1.30	0.37	3.11	1.35	3.10	1.20	0.04	4.00	0.00	3.22	1.19	----		
Presence of rangers and ski patrol	3.71	1.00	3.89	0.94	-1.39	3.90	0.90	3.66	1.04	2.02	3.86	1.07	3.82	0.77	0.09	
Lighted slopes and trails	3.78	0.95	3.91	1.11	-0.76	4.03	0.89	3.65	1.05	2.39	3.67	0.58	3.57	0.96	0.27	
Evening activities/entertainment	3.51	1.01	3.49	1.08	0.14	3.45	1.13	3.56	0.94	-0.63	3.69	0.58	3.49	0.86	0.50	

Performance measured on a scale of 1 “terrible” to 5 “delighted.”

<sup>a</sup>Item sample size for males ranges from N=57 to N=258. <sup>b</sup>Item sample size for females ranges from N=30 to N=111. <sup>c</sup>Item sample size for visitors with less than 16 years of education ranges from N=56 to N=166. <sup>d</sup>Item samples size for visitors with 16 or more years of education ranges from N=58 to N=204. <sup>e</sup>Item sample size for visitors with disabilities ranges from N=1 to N=8. <sup>f</sup>Item sample size for visitors without disabilities ranges from N=22 to N=125.

\*p&lt;0.01. \*\*p&lt;0.001.

Technical Appendix Table 43

Mean scores, standard deviations, and t-values of winter setting attribute importance for previous visitation, race, and employment

	First time <sup>a</sup>					Return <sup>b</sup>					Non-white <sup>c</sup>					White <sup>d</sup>					Employed <sup>e</sup>					Non-employed <sup>f</sup>				
	mean	s.d.	mean	s.d.	t	mean	s.d.	mean	s.d.	t	mean	s.d.	mean	s.d.	t	mean	s.d.	mean	s.d.	t	mean	s.d.	mean	s.d.	t	mean	s.d.	t		
Uncrowded areas	4.27	1.08	3.90	0.95	-1.06	4.00	1.00	3.95	0.97	0.19	3.97	0.93	3.76	1.09	1.62															
Adequate parking	4.07	1.08	3.66	0.99	-0.96	3.94	1.06	3.81	1.00	0.47	3.81	0.96	3.75	1.07	0.51															
Warming facilities	4.08	1.24	3.70	1.40	1.66	3.51	1.40	3.25	1.38	0.83	3.26	1.37	3.23	1.44	0.15															
Equipment rental	3.71	1.28	3.87	1.38	0.74	3.20	1.40	2.40	1.35	1.77	2.49	1.34	2.23	1.42	1.17															
Restaurant and/or grocery nearby	3.39	1.34	3.60	1.29	1.55	3.36	1.12	2.84	1.29	1.50	2.88	1.24	2.75	1.37	0.70															
Avalanche control	4.00	1.16	3.91	1.28	0.50	3.43	1.51	3.77	1.26	-0.84	3.76	1.27	3.69	1.29	0.38															
Trail and slope grooming	3.65	1.30	3.84	1.27	-0.71	4.00	1.18	3.77	1.28	0.63	3.76	1.28	3.82	1.20	-0.33															
Overnight lodging nearby	3.65	1.40	3.62	1.39	1.25	3.00	1.27	2.78	1.41	0.57	2.83	1.37	2.68	1.44	0.74															
Information on conditions and hazards	3.68	1.01	3.47	1.10	-0.34	3.80	1.21	3.83	1.08	-0.09	3.88	1.07	3.82	1.00	0.51															
Plowed and maintained roads and parking	4.00	0.98	3.80	0.96	0.39	4.20	0.78	4.08	0.97	0.60	4.05	0.96	4.12	1.00	-0.55															
Presence and evidence of wildlife	3.76	1.09	3.61	1.24	1.32	4.15	0.90	3.40	1.23	2.91	3.45	1.20	3.36	1.35	0.54															
Instruction staff	4.00	1.18	3.72	1.35	2.58	3.82	1.08	2.73	1.33	3.26*	2.78	1.34	2.79	1.36	-0.09															
Variety of challenge of slope/trail	4.41	1.21	3.98	1.01	-1.89	3.93	1.03	3.94	1.04	-0.03	3.98	1.00	3.66	1.14	2.25															
Short wait for lift-lines	4.31	1.09	3.86	1.14	0.17	4.00	0.93	4.02	1.13	-0.06	4.04	1.14	3.83	1.06	1.12															
Emergency rescue or medical services	4.13	1.20	3.81	1.20	0.82	3.64	1.12	3.74	1.20	-0.31	3.74	1.23	3.69	1.12	0.33															
Snow making capabilities	3.50	1.22	3.70	1.41	0.43	3.14	1.22	2.78	1.40	0.76	2.78	1.41	2.88	1.48	-0.41															
Separation of motorized and nonmotorized use	4.00	1.23	3.70	1.25	0.81	3.50	1.45	3.94	1.23	-1.11	3.94	1.20	3.84	1.35	0.54															
Absence of development	4.05	1.01	3.74	1.26	2.84*	3.47	1.46	3.54	1.24	-0.20	3.48	1.25	3.51	1.33	-0.19															
Public restrooms	3.88	1.23	3.62	1.24	1.15	3.60	1.40	3.66	1.23	-0.16	3.56	1.25	3.86	1.22	-1.91															
Campgrounds with electricity	3.00	1.06	3.11	1.28	0.67	2.56	1.33	2.01	1.24	1.21	2.03	1.23	2.06	1.30	-0.15															
Presence of rangers and ski patrol	3.88	1.16	3.76	1.40	0.98	3.42	1.51	3.23	1.38	0.42	3.23	1.37	3.17	1.39	0.34															
Lighted slopes and trails	4.00	1.30	3.80	1.49	0.15	3.36	1.43	2.75	1.47	1.39	2.87	1.45	2.45	1.40	1.96															
Evening activities/entertainment	3.36	1.21	3.52	1.33	1.12	3.00	1.23	2.28	1.32	1.72	2.33	1.28	2.25	1.41	0.37															

Note: Importance measured on a scale of 1 “not important” to 5 “extremely important.”

<sup>a</sup>Item sample size for first time visitors ranges from N=15 to N=45. <sup>b</sup>Item sample size for return visitors ranges from N=187 to N=326. <sup>c</sup>Item sample size for non-white visitors ranges from N=7 to N=17. <sup>d</sup>Item sample size for white visitors ranges from N=189 to N=357. <sup>e</sup>Item sample size for employed visitors ranges from N=140 to N=240. <sup>f</sup>Item sample size for not-employed visitors ranges from N=49 to N=93.

\*p&lt;0.01. \*\*p&lt;0.001.

Technical Appendix Table 44

Mean scores, standard deviations, and t-values of winter setting attribute performance for previous visitation, race, and employment

	First time <sup>a</sup>			Return <sup>b</sup>			Non-white <sup>c</sup>			White <sup>d</sup>			Employed <sup>e</sup>			Non-employed <sup>f</sup>		
	mean	s.d.	mean	s.d.	t	mean	s.d.	mean	s.d.	t	mean	s.d.	mean	s.d.	t	mean	s.d.	t
Uncrowded areas	3.01	0.62	3.98	0.82	3.53*	3.94	0.68	3.95	0.81	-0.08	3.92	0.83	3.90	0.82	0.25			
Adequate parking	3.69	0.78	3.85	0.99	3.15*	3.64	0.84	3.72	0.97	-0.31	3.72	0.92	3.66	1.08	0.52			
Warming facilities	3.60	1.08	3.25	1.06	2.00	3.55	1.04	3.77	1.05	-0.71	3.72	1.07	3.83	1.06	-0.73			
Equipment rental	2.63	1.33	2.44	1.06	-0.41	3.56	1.33	3.89	1.04	-0.75	3.79	1.06	4.13	1.08	-1.36			
Restaurant and/or grocery nearby	3.22	1.34	2.83	0.91	-0.72	3.36	0.92	3.60	0.94	-0.81	3.55	0.95	3.68	0.94	-0.89			
Avalanche control	3.86	0.95	3.76	1.04	0.39	3.25	1.60	3.97	0.96	-1.54	3.79	1.13	4.10	0.77	-2.14			
Trail and slope grooming	3.63	1.11	3.81	1.00	-0.78	3.30	1.34	3.85	0.99	-1.28	3.80	0.99	3.82	1.02	-0.16			
Overnight lodging nearby	3.10	1.09	2.76	1.01	0.12	3.56	1.13	3.62	1.03	-0.16	3.58	0.99	3.62	1.10	-0.20			
Information on conditions and hazards	3.78	1.09	3.84	1.07	1.04	3.22	0.97	3.50	1.08	-0.85	3.43	1.09	3.56	1.02	-0.92			
Plowed and maintained roads and parking	4.14	0.81	4.08	1.01	1.47	3.75	0.75	3.83	0.99	-0.35	3.76	1.01	3.93	0.93	-1.42			
Presence and evidence of wildlife	3.66	0.85	3.41	0.94	0.99	3.62	1.12	3.65	0.91	-0.10	3.68	0.87	3.57	1.01	0.75			
Instruction staff	3.23	1.09	2.70	1.00	1.26	3.33	1.41	3.80	0.99	-0.97	3.69	1.02	4.05	0.94	-2.03			
Variety of challenge of slope/trail	3.59	0.56	3.99	0.85	3.88**	3.71	0.99	4.05	0.81	-1.23	3.92	0.89	4.19	0.69	-2.61			
Short wait for lift-lines	4.06	0.63	4.01	1.08	2.31	3.67	1.23	3.92	1.02	-0.62	3.87	1.07	3.82	1.02	0.26			
Emergency rescue or medical services	3.91	0.72	3.72	1.01	1.62	3.89	0.78	3.83	1.00	0.23	3.83	0.95	3.79	1.12	0.22			
Snow making capabilities	2.93	0.58	2.79	0.96	-0.66	3.14	1.35	3.75	0.88	-1.19	3.53	1.01	3.86	0.76	-1.79			
Separation of motorized and nonmotorized use	4.09	0.93	3.91	1.16	1.46	3.70	1.16	3.74	1.13	-0.11	3.65	1.17	3.73	1.07	-0.50			
Absence of development	4.00	0.66	3.49	0.93	2.56	3.58	0.90	3.79	0.91	-0.77	3.76	0.87	3.61	0.97	1.12			
Public restrooms	3.86	1.22	3.63	1.06	1.33	3.21	1.31	3.67	1.07	-1.29	3.59	1.08	3.76	1.14	-1.23			
Campgrounds with electricity	2.20	1.27	2.03	1.29	-0.21	2.75	1.71	3.15	1.25	-0.46	2.98	1.32	3.11	1.10	-0.40			
Presence of rangers and ski patrol	3.44	0.91	3.22	1.00	0.68	3.60	1.17	3.78	0.98	-0.47	3.75	0.96	3.77	0.92	-0.12			
Lighted slopes and trails	2.82	1.18	2.77	0.99	0.53	3.88	1.36	3.82	0.98	0.11	3.73	0.97	3.97	0.97	-1.21			
Evening activities/entertainment	2.58	0.93	2.29	1.04	-0.61	2.71	0.95	3.55	1.02	-2.26	3.47	0.90	3.52	1.12	-0.21			

Note: Performance measured on a scale of 1 “terrible” to 5 “delighted.”

<sup>a</sup>Item sample size for first time visitors ranges from N=4 to N=45. <sup>b</sup>Item sample size for return visitors ranges from N=81 to N=322. <sup>c</sup>Item sample size for non-white visitors ranges from N=4 to N=16. <sup>d</sup>Item sample size for white visitors ranges from N=82 to N=353. <sup>e</sup>Item sample size for employed visitors ranges from N=57 to N=243. <sup>f</sup>Item sample size for not-employed visitors ranges from N=19 to N=87.

\*p&lt;0.01. \*\*p&lt;0.001.

Technical Appendix Table 45

Mean scores, standard deviations, and t-values of winter setting attribute importance for distance traveled, length of stay, and day of visit

	Local <sup>a</sup>			Non-local <sup>b</sup>			Day <sup>c</sup>			Overnight <sup>d</sup>			Weekday <sup>e</sup>			Weekend/Holiday <sup>f</sup>		
	mean	s.d.	mean	s.d.	t	mean	s.d.	mean	s.d.	t	mean	s.d.	mean	s.d.	t	mean	s.d.	t
Uncrowded areas	3.92	1.05	4.01	0.89	-0.73	3.93	1.00	4.02	0.91	-0.81	3.98	0.99	3.95	0.96	0.28			
Adequate parking	3.86	1.04	3.81	0.93	0.45	3.81	1.02	3.89	0.96	-0.69	3.84	0.93	3.82	1.05	0.23			
Warming facilities	3.57	1.32	2.88	1.39	4.17**	3.41	1.36	3.03	1.41	2.20	3.61	1.28	3.05	1.41	3.71**			
Equipment rental	2.76	1.39	2.14	1.27	3.19*	2.45	1.41	2.41	1.30	0.22	2.64	1.34	2.33	1.38	1.72			
Restaurant and/or grocery nearby	3.02	1.33	2.68	1.26	2.00	2.84	1.29	2.96	1.31	-0.66	3.09	1.27	2.72	1.29	2.46			
Avalanche control	3.92	1.24	3.52	1.32	2.62*	3.75	1.30	3.82	1.16	-0.52	4.08	1.12	3.56	1.32	3.80**			
Trail and slope grooming	3.84	1.20	3.61	1.36	1.47	3.67	1.31	4.05	1.14	-2.60	3.92	1.16	3.67	1.35	1.73			
Overnight lodging nearby	2.68	1.46	2.72	1.34	-0.24	2.59	1.35	3.23	1.40	-3.60**	3.04	1.41	2.62	1.37	2.45			
Information on conditions and hazards	3.82	1.02	3.76	1.15	0.49	3.80	1.07	3.95	1.07	-1.22	3.92	0.99	3.77	1.14	1.29			
Plowed and maintained roads and parking	4.03	0.97	4.07	0.95	-0.38	4.05	1.00	4.16	0.87	-1.04	4.18	0.84	4.02	1.03	1.61			
Presence and evidence of wildlife	3.51	1.25	3.32	1.23	1.30	3.49	1.22	3.27	1.21	1.45	3.58	1.24	3.35	1.21	1.68			
Instruction staff	2.98	1.22	2.45	1.32	3.22*	2.84	1.32	2.56	1.32	1.60	2.93	1.27	2.66	1.37	1.72			
Variety of challenge of slope/trail	4.03	1.07	3.85	1.00	1.48	4.00	1.05	3.88	0.96	1.07	3.92	1.08	3.97	1.01	-0.47			
Short wait for lift-lines	4.02	1.11	3.88	1.18	0.84	4.04	1.08	4.02	1.23	0.14	4.04	1.06	3.99	1.19	0.30			
Emergency rescue or medical services	3.99	1.10	3.49	1.19	3.60**	3.84	1.14	3.57	1.25	1.87	4.07	0.98	3.52	1.28	4.44**			
Snow making capabilities	3.18	1.29	2.32	1.33	4.28**	2.88	1.43	2.63	1.34	1.16	3.04	1.37	2.58	1.40	2.37			
Separation of motorized and nonmotorized use	3.92	1.25	3.88	1.27	0.24	3.88	1.27	3.99	1.20	-0.74	3.93	1.25	3.90	1.25	0.19			
Absence of development	3.44	1.28	3.57	1.26	-0.85	3.57	1.29	3.48	1.15	0.63	3.47	1.22	3.58	1.27	-0.74			
Public restrooms	3.85	1.10	3.42	1.30	3.06*	3.71	1.22	3.56	1.24	0.98	3.93	1.05	3.49	1.32	3.47*			
Campgrounds with electricity	2.20	1.37	1.79	1.13	2.12	2.12	1.29	1.90	1.15	1.26	2.16	1.32	1.98	1.23	1.03			
Presence of rangers and ski patrol	3.32	1.29	2.99	1.41	1.96	3.23	1.42	3.29	1.28	-0.38	3.47	1.31	3.07	1.40	2.58			
Lighted slopes and trails	3.35	1.37	2.21	1.34	6.03**	2.87	1.48	2.58	1.42	1.43	3.12	1.43	2.47	1.44	3.53**			
Evening activities/entertainment	2.57	1.39	2.06	1.20	2.68*	2.37	1.36	2.21	1.25	0.86	2.54	1.29	2.14	1.33	2.35			

Note: Importance measured on a scale of 1 “not important” to 5 “extremely important.”

<sup>a</sup>Item sample size for local visitors ranges from N=69 to N=132. <sup>b</sup>Item sample size for non-local visitors ranges from N=91 to N=197. <sup>c</sup>Item sample size for day visitors ranges from N=134 to N=262. <sup>d</sup>Item sample size for overnight visitors ranges from N=60 to N=107. <sup>e</sup>Item sample size for weekday visitors ranges from N=79 to N=151. <sup>f</sup>Item sample size for weekend/holiday visitors ranges from N=99 to N=227.

\*p&lt;0.01. \*\*p&lt;0.001.

Technical Appendix Table 46

Mean scores, standard deviations, and t-values of winter setting attribute performance for distance traveled, length of stay, and day of visit

	Local <sup>a</sup>			Non-local <sup>b</sup>			Day <sup>c</sup>			Overnight <sup>d</sup>			Weekday <sup>e</sup>			Weekend/Holiday <sup>f</sup>		
	mean	s.d.	mean	s.d.	t	mean	s.d.	mean	s.d.	t	mean	s.d.	mean	s.d.	t	mean	s.d.	t
Uncrowded areas	3.74	0.90	4.00	0.76	-2.59	3.95	0.83	3.93	0.79	0.20	4.01	0.84	3.89	0.80	1.40			
Adequate parking	3.45	1.06	3.86	0.87	-3.52*	3.63	1.02	3.87	0.81	-2.30	3.79	0.88	3.65	1.03	1.39			
Warming facilities	3.84	0.91	3.48	1.18	2.55	3.76	1.07	3.74	1.07	0.12	3.88	0.92	3.65	1.16	1.74			
Equipment rental	3.89	1.01	3.72	1.13	0.88	3.86	1.08	3.84	1.15	0.08	3.86	1.11	3.85	1.06	0.05			
Restaurant and/or grocery nearby	3.60	0.89	3.53	0.99	0.54	3.55	0.99	3.66	0.86	-0.88	3.59	0.95	3.56	0.96	0.25			
Avalanche control	3.97	1.06	3.82	1.00	0.99	3.92	1.04	3.91	1.04	0.09	4.15	0.85	3.74	1.12	3.13*			
Trail and slope grooming	3.76	1.00	3.81	1.01	-0.42	3.74	1.03	3.97	0.95	-1.71	3.91	0.91	3.76	1.07	1.26			
Overnight lodging nearby	3.48	1.11	3.58	1.03	-0.55	3.42	1.11	3.90	0.84	-3.41*	3.70	0.99	3.53	1.06	1.13			
Information on conditions and hazards	3.43	1.15	3.42	1.04	0.06	3.42	1.13	3.62	0.96	-1.59	3.60	1.04	3.41	1.10	1.58			
Plowed and maintained roads and parking	3.59	1.07	3.95	0.91	-3.13*	3.70	1.05	4.07	0.78	-3.57**	3.93	0.88	3.75	1.05	1.79			
Presence and evidence of wildlife	3.63	1.06	3.61	0.88	0.09	3.70	0.95	3.45	0.84	2.15	3.65	1.12	3.63	0.80	0.21			
Instruction staff	3.66	1.05	3.69	0.95	-0.15	3.84	0.96	3.51	1.14	1.75	3.77	1.01	3.77	1.01	0.02			
Variety of challenge of slope/trail	3.93	0.94	4.03	0.73	-1.00	4.05	0.88	3.95	0.74	1.11	3.93	0.92	4.08	0.77	-1.51			
Short wait for lift-lines	3.66	1.17	4.02	0.90	-2.05	3.82	1.10	4.09	0.95	-1.57	3.82	1.15	3.97	0.91	-0.95			
Emergency rescue or medical services	3.88	1.05	3.67	0.98	1.47	3.81	1.06	3.82	0.90	-0.05	3.96	0.88	3.70	1.09	2.00			
Snow making capabilities	3.66	0.96	3.68	0.84	-0.13	3.67	0.96	3.84	0.94	-0.79	3.71	0.89	3.67	1.03	0.21			
Separation of motorized and nonmotorized use	3.71	1.11	3.69	1.18	0.16	3.72	1.12	3.78	1.14	-0.38	3.85	1.05	3.66	1.18	1.34			
Absence of development	3.66	0.98	3.82	0.90	-1.35	3.82	0.96	3.68	0.76	1.37	3.67	0.93	3.83	0.91	-1.45			
Public restrooms	3.56	1.14	3.60	1.08	-0.32	3.63	1.12	3.65	1.01	-0.11	3.86	0.91	3.50	1.17	3.17*			
Campgrounds with electricity	3.00	1.33	3.14	1.21	-0.48	3.17	1.29	2.93	1.27	0.83	3.22	1.33	3.02	1.24	0.72			
Presence of rangers and ski patrol	3.77	1.00	3.61	1.00	1.16	3.78	1.01	3.71	0.93	0.53	3.88	0.83	3.69	1.07	1.63			
Lighted slopes and trails	3.86	0.98	3.56	0.98	1.75	3.87	0.96	3.63	1.14	1.14	3.88	0.95	3.75	1.06	0.77			
Evening activities/entertainment	3.54	1.02	3.41	1.04	0.71	3.47	1.02	3.57	0.96	-0.60	3.45	1.07	3.55	1.00	-0.55			

Note: Performance measured on a scale of 1 “terrible” to 5 “delighted.”

<sup>a</sup>Item sample size for local visitors ranges from N=35 to N=124. <sup>b</sup>Item sample size for non-local visitors ranges from N=38 to N=199. <sup>c</sup>Item sample size for day visitors ranges from N=88 to N=255. <sup>d</sup>Item sample size for overnight visitors ranges from N=25 to N=107. <sup>e</sup>Item sample size for weekday visitors ranges from N=36 to N=151. <sup>f</sup>Item sample size for weekend/holiday visitors ranges from N=49 to N=220.

\*p&lt;0.01. \*\*p&lt;0.001.